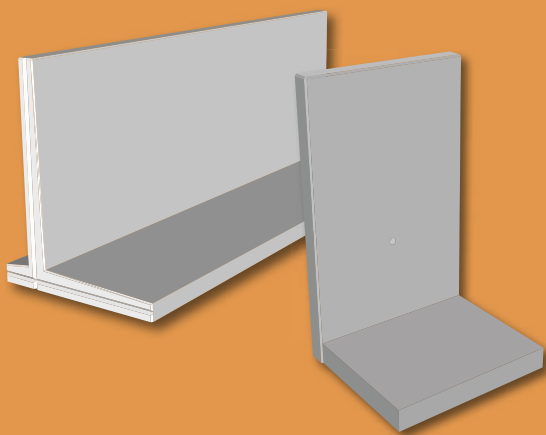




PRODUCT CATALOG



2021
alstone-ks.com



EARTHWORKS



INFRASTRUCTURE



INDUSTRY



AGRICULTURE



GARDEN PLANNING



CUSTOMIZED

MORE POSSIBILITIES, MORE SOLUTIONS.

EXTENSIVE RANGE

ALSTONE offers a wide range of specialized products for various applications. Structural work or finishing project, With us you are at the right place. In addition to standard retaining walls, there is also a range of aesthetically designed retaining walls that give your project a handsome appearance. We also have a large stock, which means that your order can be delivered quickly. Customization is of course also an option.

STRONG AND QUALITATIVE PRODUCT

Thanks to our 20 years of experience and our own laboratory, we offer you all the guarantees for a quality product. Our products meet strict requirements and standards. Our high-quality concrete with strength class C55/67 is the way to meet these requirements. In addition to a calculated stability, they also meet the environmental standards XC4, XF3, XD3, XA3, XS3, XM2.

GUIDE TO OUR ELEMENT NAMES

EXAMPLES : LXXZD HSTXXD

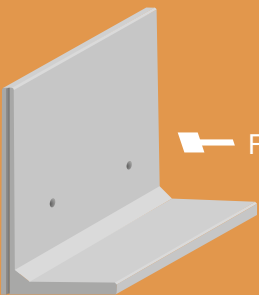
1 2 3 1 2 3

- 1 ELEMENT TYPE DESIGNATION
- 2 LENGTH INDICATION (IN METERS) : V=0,5 K=1 X=2 XX=4 XXX=6
- 3 INDICATION OF REINFORCEMENT : Z = HEAVIER LOAD D = DOUBLE TURNING



VIEW

BACKSIDE



FRONTSIDE



LEGEND

EARTHWORKS



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APPLICATIONS



HEIGHTS & LENGTHS



NUISANCE & TAX



PROS



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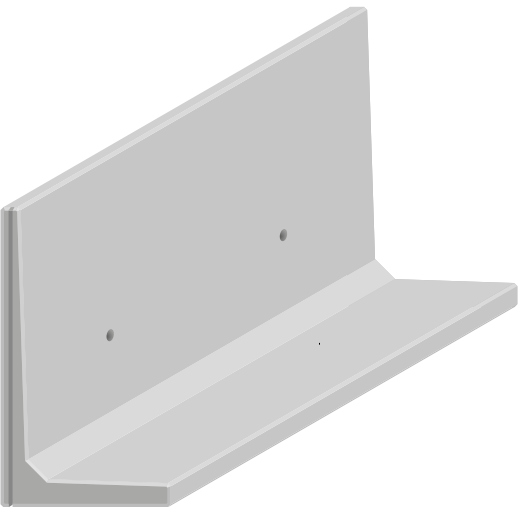
PRODUCT MATRIX	LX HX TX HTX	LXZ HXZ	LGX HGX	ALK AHK	OALK OAHX	OLK OHX	LKW HKW	VBIONEN	STRUCTURAL CONCRETE	STAND	HEAD WALLS	OVER- FLOW	BASE- BOARD
	P 6 + P 8	P 7	P 9	P 10	P 11	P 12	P 13	P 14 + P 15	P 16	P 17	P 18	P 19	P 19

FENCE / FENCE	•	•	•					•	•				
AMPHITHEATER / STAND										•			
FLOWER TRAY				•					•				•
BUFFER / WATER BASIN	•	•	•					•			•	•	
CONTAINER PARK	•	•					•						
HARDWARE													•
FOUNDATION WALL													•
GARAGE BUILDING													•
SOUND ABSORPTION								•					
FAADE FINISH								•	•				•
CANALS											•		
BASEMENT	•	•	•	•	•	•	•	•	•		•	•	•
INDUSTRIAL CONSTRUCTION						•							•
PORTS / LOADING QUAY	•	•	•	•			•						
INDUSTRY / LOGISTICS	•	•	•	•			•						•
INFILTRATION CELLAR	•	•	•				•						
INFRASTRUCTURE WORKS	•	•	•	•	•	•	•	•	•		•	•	•
CABLE ENTRY													
BANKING STRENGTH	•	•	•								•	•	
STORAGE / RECYCLING	•	•	•				•						
PARKING AREAS	•	•	•	•			•	•	•				
PARTITION WALL	•	•	•	•	•	•	•	•	•				•
SILO	•	•											
STRATION / TRAM HOUSE													
TERRACE CONSTRUCTION	•	•	•	•			•	•	•				
SECURITY TERMINAL													
SAFETY TRAY	•	•	•										
LOST FORMWORK	•	•	•				•						
WATER TRANSIT											•		
WATER DEFENSE	•	•	•								•	•	
WATER OVERFLOW												•	
WINDSHIELD	•	•	•										
SEAT BENCH													•
POOL / POND	•	•	•										

	PERROBOORD PERRONRAND	VBK VBG	AX AXZ	GKT	HKT	HKZT HKZH	STXX TSTXX HSTXX	SLGXX HSLGXX	SLS	VLX VBHLXX VBTX VBHTXX	UX UXK UXDEK UXTRAP	VBUX VBUXK VBUX- TRAP	KBG
	P 20 + P 21	P 22	P 23	P 24	P 24	P 25	P 26 + P 27	P 28	P 29	P 30 + P 31	P 32 + P 33	P 34 + P 35	P 35

FENCE / FENCE		•					•		•				
AMPHITHEATER / STAND													
FLOWER TRAY													
BUFFER / WATER BASIN							•		•				
CONTAINER PARK			•	•	•	•	•		•		•		
HARDWARE													
FOUNDATION WALL													
GARAGE BUILDING													
SOUND ABSORPTION													
FAADE FINISH													
CANALS													
BASEMENT							•		•				
INDUSTRIAL CONSTRUCTION							•						
PORTS / LOADING QUAY				•	•	•							
INDUSTRY / LOGISTICS				•	•	•	•						
INFILTRATION CELLAR													
INFRASTRUCTURE WORKS	•	•					•		•				
CABLE ENTRY													•
BANKING STRENGTH													
STORAGE / RECYCLING			•	•	•	•	•		•				
PARKING AREAS													
PARTITION WALL		•					•		•				
SILO			•	•	•	•	•	•	•	•	•	•	
STRATION / TRAM HOUSE	•												
TERRACE CONSTRUCTION													
SECURITY TERMINAL		•											
SAFETY TRAY							•		•				
LOST FORMWORK							•						
WATER TRANSIT													
WATER DEFENSE							•		•				
WATER OVERFLOW													
WINDSHIELD							•		•				
SEAT BENCH													
POOL / POND													

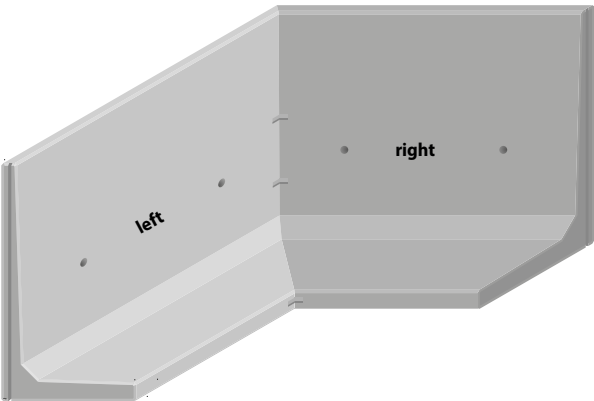
LX(X)(D) - LVX - LK



The LX(X) / LVX / LK retaining walls are single-retaining on the foot load. The LX(X)D / LVXD / LKD, on the other hand are taxable twice. The HX(D) retaining walls are the corner solutions that belong with the LX(X)(D) / LK(D) retaining walls. The HX retaining walls can be loaded on the foot side with an ankle, the HXD retaining walls can be loaded twice.

- Earth barrier
- Separation wall
- Windshield
- Sound screen
- Closing
- Storage
- Manure silo
- Safety tubs around gas tanks
- Flood barrier (if using liner)
- Swimming pond (if using liner)
- Swimming pool (if using liner)
- Finishing options (see page 72):
 - Broomed (default)
 - Hand smooth
 - Silex brown / blue
 - VBIONES
- Standard wooden coupling lath
- Plastic coupling lath from bottom to top possible
- Groove – Groove Connection
- Option double turning

HX(D)



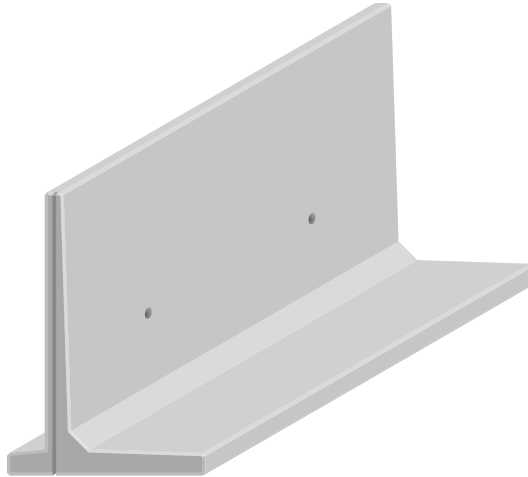
- kg L(V)X(X): Single-turn foot side, nuisance 1000 kg/m²
- LK: Single-turning foot side, nuisance 1000 kg/m²
- LX(X)D: Double-turning, overload 1000 kg/m²
- LKD: Double barrier, overload 1000 kg/m²
- Larger nuisance possible on request

- △ LX(X)(D)-LVX-LK: Verkrijgbare lengtes: 1, 2 en 4 meter
- HX(D): Verkrijgbare lengte: 2m x 2m
- LX(X)(D)-LVX-LK: Verkrijgbare hoogtes: 0,5 tot 7 meter
- HX(D): Verkrijgbare hoogtes: 0,5 tot 5 meter

Other technical specifications see page 36,37 and 40



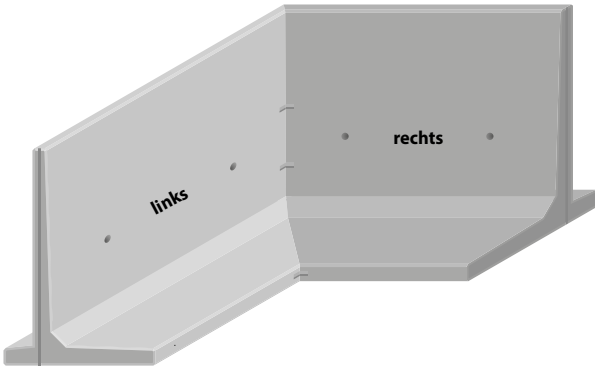
LX(X)Z(D)



The LX(X)Z retaining walls are single-turning on the foot side to tax. The LX(X)ZD, on the other hand, are doubly reversible tax. The HXZ(D) retaining walls are the corner solutions that belong with the LX(X)Z(D) retaining walls. The HXZ retaining walls are single-turning load on the foot side, the HXZD retaining walls are taxable twice.

- Earth barrier
- Separation wall
- Windshield
- Sound screen
- Closing
- Storage
- Safety tubs around gas tanks
- Flood barrier (if using liner)
- Swimming pond (if using liner)
- Swimming pool (if using liner)
- Finishing options (see page 72):
 - Broomed (default)
 - Hand smooth
 - Silex brown / blue
 - VBIONES
- Standard wooden coupling lath
- Plastic coupling lath from bottom to top possible
- Groove – Groove Connection
- Option double turning

HXZ(D)



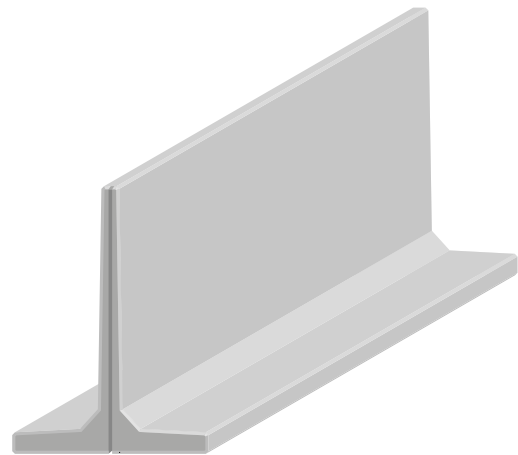
- kg LX(X)Z: Single-turning foot side, nuisance 2500 kg/m²
- LX(X)ZD: Double turning, nuisance foot side: 2500 kg/m² and back: 1000 kg/m²
- HXZ: Single-turning foot side, nuisance 2500 kg/m²
- HXZD: Double reversing, nuisance foot side: 2500 kg/m² and back 1000 kg/m²

- △ LX(X)Z(D): Available length: 2 or 4 meters
- HXZ(D): Available length per part: 2 meters
- LX(X)Z(D): Available heights: 0.5 to 6 meters
- HXZ(D): Available heights: 0.5 to 5 meters

Other technical specifications see page 38 and 41



TX(X)



- Earth barrier
- Separation wall
- Storage (in combination with LX retaining walls)
- Container park
- Loadable on both sides
- Industrial smooth on both sides
- Groove - Groove Connection
- No lifting hooks - available on request
- Standard wooden coupling lath
- Plastic coupling lath from bottom to top possible

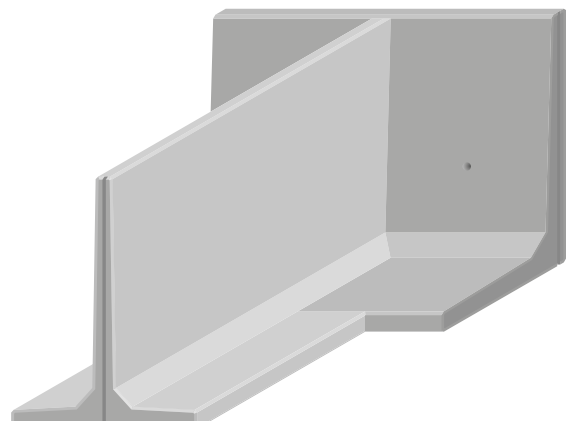
TX(X): Double-turn 1300 kg/m²
HTX(X): Double Turning 1300 kg/m²

Larger nuisance possible on request

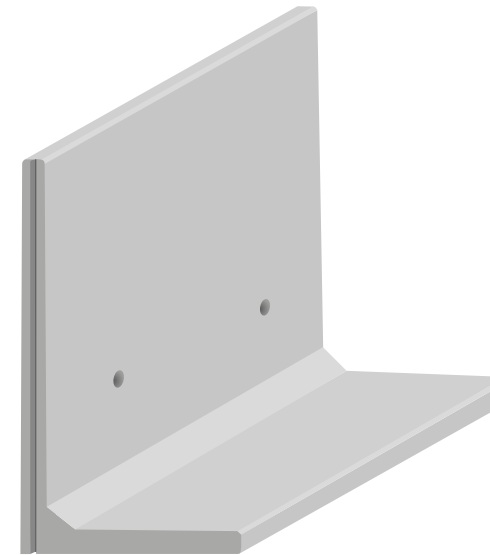
TX(X): Available lengths: 2 and 4 meters
HTX(X): Available lengths: 2 and 4 meters
TX(X): Available heights: 1 to 3 meters
HTX(X): Available heights: 1 to 3 meters

Other technical specifications see page 39 and 42

HTX(X)



LGX(X)



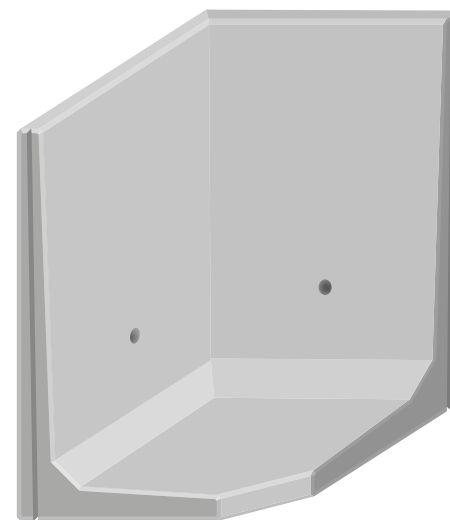
- Earth barrier
- Lost formwork
- Infiltration Cells
- Separation wall
- Windshield
- Sound screen
- Flood barrier (if using liner)
- Closing
- Buffer basins
- Safety shells
- Industrial smooth on both sides
- Easy to install
- Corners one piece
- Groove - Groove Connection
- Standard wooden coupling lath
- Plastic coupling lath from bottom to top possible

LGX(X): Single-turning foot side, nuisance 1000 kg/m²
HGX: Single-turning foot side, nuisance 1000 kg/m²

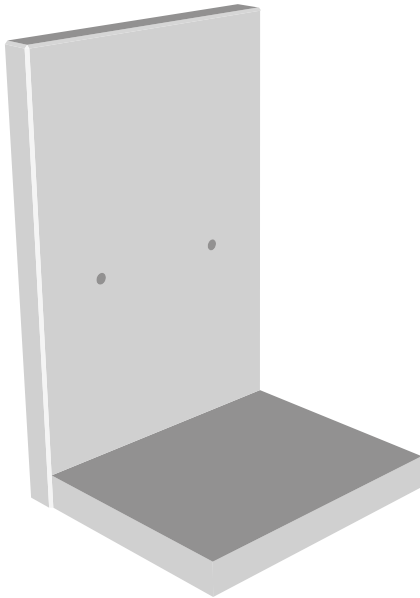
LGX(X): Available lengths: 2 and 4 meters
HGX: Available lengths: 1 x 1 and 1.5 x 1.5 meters
LGX(X): Available heights: 0.5 to 2.5 meters
HGX: Available heights: 0.5 to 2.5 meters

Other technical specifications see page 44 and 45

HGX



AL(K)(X)(Z)

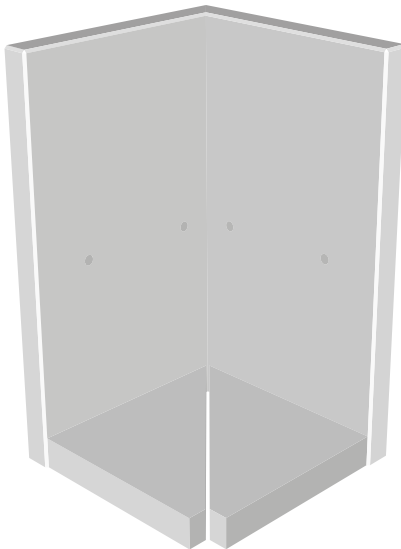


The AL(K)(X) are retaining walls in smooth exposed concrete the back. These retaining walls are single-turning on the foot load. The AH(K)(X) retaining walls are the corner solutions that belong to the AL(K)(X) retaining walls and are load on the foot side.

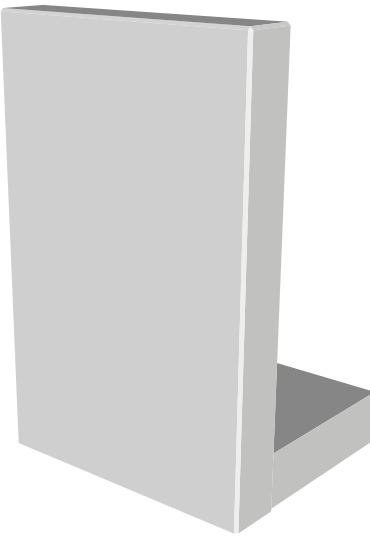
- Earth barrier
 - Separation wall
 - Parking lots
 - Unloading and loading quay
 - Terrace construction
- ✓ Industrial smooth finish on the back
 - ✓ Hand-smooth finish foot side
 - ✓ Equal wall thickness up to a height of 1.55 meters
 - ✓ Structured concrete possible on the back
- kg AL(K)(X): Single-closing foot side, nuisance 1670 kg/m2
AL(K)(X)Z: Single-turning foot side, nuisance 3333 kg/m2
AH(K)(X): Single-turn foot side, nuisance 1670 kg/m2
- AL(K)(X)(Z): Available lengths: 1 and 2 meters
AH(K)(X): Available lengths: 1 and 2 meters
AL(K)(X)(Z): Available heights: 0.4 to 4.55 meters
AH(K)(X): Available heights: 0.4 to 4.55 meters

Other technical specifications see page 46 and 47

AH(K)(X)



OAL(K)(X)(D)



The OAL(K)(X) retaining walls are single-retaining on the foot load. The OAL(K)(X)D, on the other hand, are double taxation. The OAHX(D) retaining walls are the corner solutions that belong to the OAL(K)(X)(D) retaining walls. The OAHX retaining walls can be loaded single-sided on the foot side, the OAHXD retaining walls can be loaded twice.

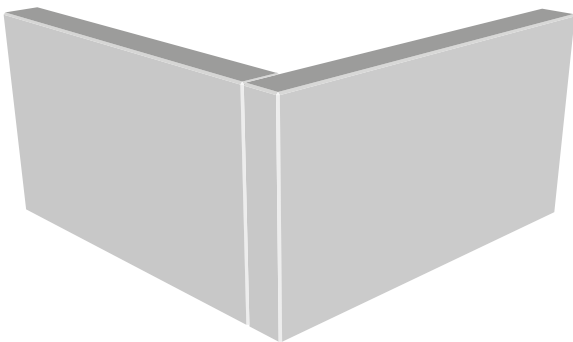
- Earth barrier
 - Separation wall
 - Parking lots
 - Unloading and loading quay
 - Terrace construction
- ✓ Industrial smooth finish on the back
 - ✓ Hand-smooth finish foot side
 - ✓ Equal wall thicknesses of 20, 25 or 30 cm
 - ✓ Turnbuckle can be built in on request
 - ✓ Option double turning
 - ✓ Structured concrete possible on the back
- kg OAL(K)(X): Single-turn foot side, nuisance 1000 kg/m2
OAL(K)(X)D: Double turning, nuisance 1000 kg/m2
OAHX: Single-turning foot side, nuisance 1000 kg/m2
OAHXD: Double barrier, nuisance 1000 kg/m2

Larger nuisance possible on request

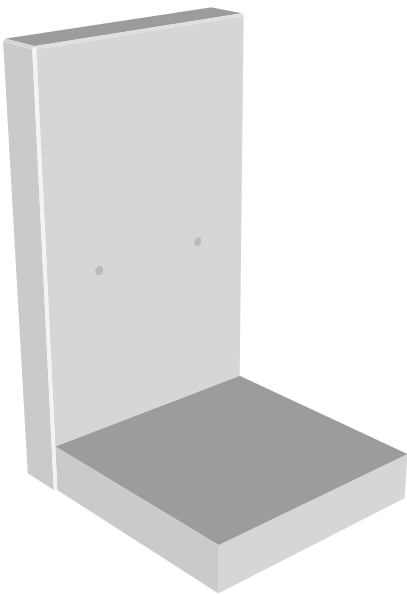
- AL(K)(X)(D): Verkrijgbare lengtes: 1 en 2 meter
OAHX(D): Verkrijgbare lengtes : 2 x 2 meter
OAL(K)(X)(D): Verkrijgbare hoogtes: 1,05 tot 4,55 meter
OAHX(D): Verkrijgbare hoogtes: 1,05 tot 4,55 meter

Other technical specifications see page 48 and 49

OAHX(D)



OL(K)(X)(D)



The OL(K)(X) retaining walls are single-retaining on the foot load. The OL(K)(X)D, on the other hand, are double taxation.

The OHX(D) retaining walls are the corner solutions that belong to the OL(K)(X)(D) retaining walls. The OHX retaining walls can be loaded on the foot side by turning, the OHXD retaining walls can be loaded twice.

- Earth barrier
 - Separation wall
 - Parking lots
 - Unloading and loading dock
 - Terrace construction
 - Hall construction
 - Garage building
- ✓ Industrial smooth finish foot side
 - ✓ Finishing options on the back (see page 72)
 - Broomed
 - Hand smooth
 - ✓ Equal wall thicknesses of 20, 25 or 30 cm
 - ✓ Foot length flexible
 - ✓ Turnbuckle can be built in on request
 - ✓ Option double turning
 - ✓ Structured concrete possible on foot side

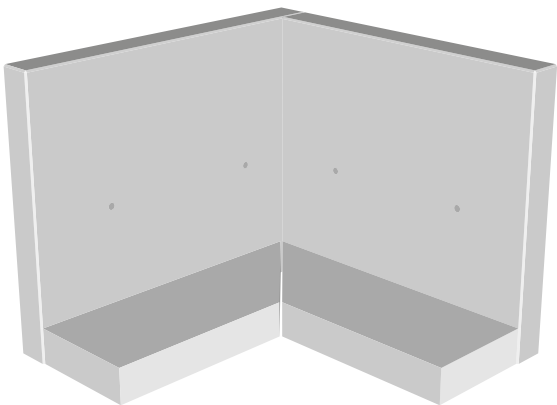
kg OL(K)(X): Single-turn foot side, nuisance 1000 kg/m²
OL(K)(X)D: Double-turning nuisance 1000 kg/m²
OHX: Single-turning foot side, nuisance 1000 kg/m²
OHXD: Double barrier, nuisance 1000 kg/m²

Larger nuisance possible on request

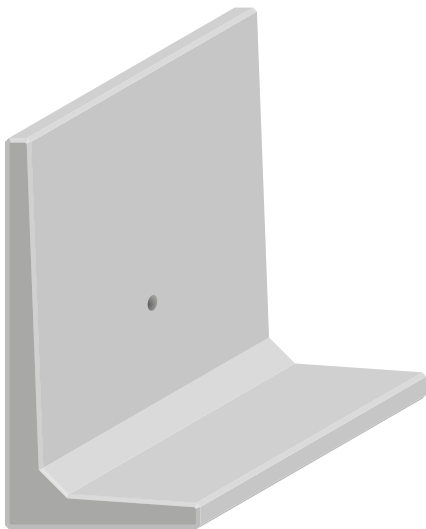
OL(K)(X)(D): Available lengths: 1 and 2 meters
OHX(D): Available length : 2 x 2 meters
OL(K)(X)(D): Available heights: 1.05 to 4.55 meters
OHX(D): Available heights: 1.05 to 4.55 meters

Other technical specifications see page 50 and 51

OHX(D)



LKW(D) - LKWZ(D)



The LKW(Z) retaining walls are single-retaining on the foot side to tax. The LKW(Z)D retaining walls, on the other hand, are double taxation. The HKW(Z)(D) retaining walls are the corner solutions that belong to the LKW(Z)(D) retaining walls. The HKW(Z) retaining walls can be loaded on the foot side by turning while the HKW(Z)D retaining walls can be loaded double-sided

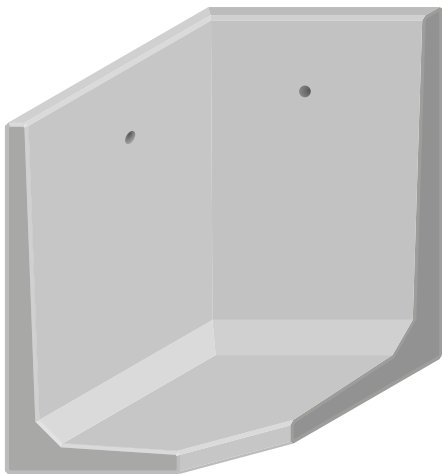
- Earth barrier
 - Separation wall
 - Infiltration Cellar
 - Lost formwork
 - Parking lots
 - Unloading and loading quay
 - Terrace construction
- ✓ Industrial smooth on both sides
 - ✓ Cold connection
 - ✓ Corners one piece
 - ✓ Option double turning

kg LKW: Single-turning foot side, nuisance 1000 kg/m²
LKWD: Double barrier, overload 1000 kg/m²
LKWZ: Single-turning foot side, nuisance 2500 kg/m²
LKWZD: Double barrier, nuisance foot side 2500 kg/m² and back 1000 kg/m²
HKW: Single retaining foot side, nuisance 1000 kg/m²
HKWD: Double barrier, overload 1000 kg/m²
HKWZ: Single-turning foot side, nuisance 2500 kg/m²
HKWZD: Double barrier, nuisance foot side 2500 kg/m² and back 1000 kg/m²

LKW(Z)(D): Available length: 1 meter
HKW(Z)(D): Available lengths: 1 x 1 to 1 x 2.5 meters
LKW(Z)(D): Available heights: 0.5 to 4.5 meters
HKW(Z)(D): Available heights: 0.75 to 4.5 meters

Other technical specifications see page 52 and 53

HKW(D) - HKWZ(D)

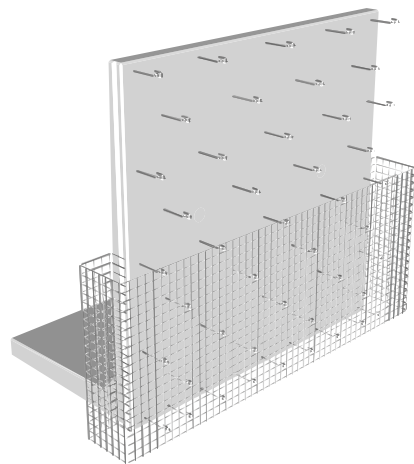


VBIONEN



UNIQUE, INNOVATIVE & MULTIFUNCTIONAL

VBIONEN are prefabricated concrete walls that in addition to their functionality, also excel in terms of aesthetics. By mounting nets on the collapsed flex anchors, a gap is created that can be filled with a rock of your choice. The base of our VBIONEN are our LX retaining walls.



- Retaining structure
- Separation wall
- Gardens



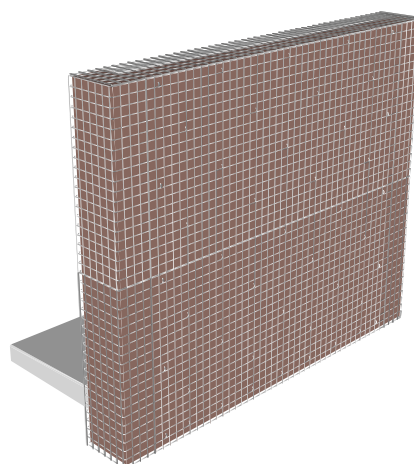
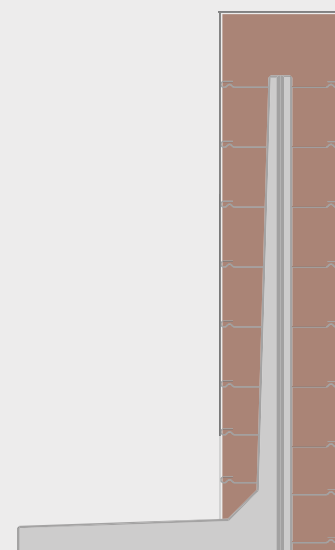
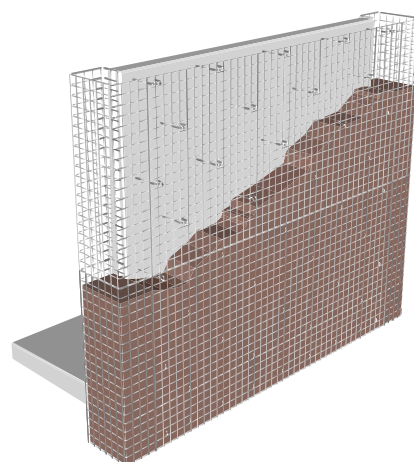
- Aesthetic
- Sound-absorbing in combination with Vulkapor
- Various infill rocks available
- Maintenance friendly
- Can be used creatively in various environments
- Possibility to provide this finish on both sides
- Nets also available in stainless steel
- Also available on the corner variants



See LX(X)(D) and LX(X)(Z)(D) on pages 6-7

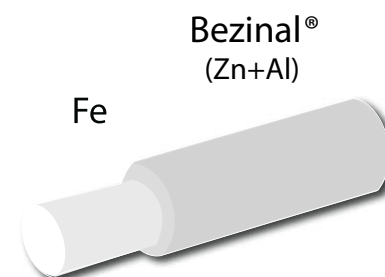


Available lengths: 1 to 4 meters
Available heights: 0.5 to 7 meters

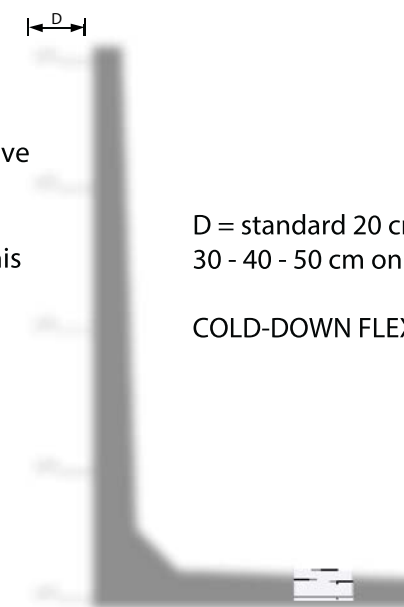


BEZINAL® 2000 COATING

Both the concreted steel flex anchors and the nets are treated as standard with a Bezinal® 2000 coating (90% zinc - 10% aluminium). This advanced anti-corrosion treatment complies with the standards DIN SS 50021 / ASTM B117 / ISO 9227 and guarantees a service life that is five times higher than standard galvanization. The welded tips and clipped ends also enjoy this one protective anti-corrosion treatment.



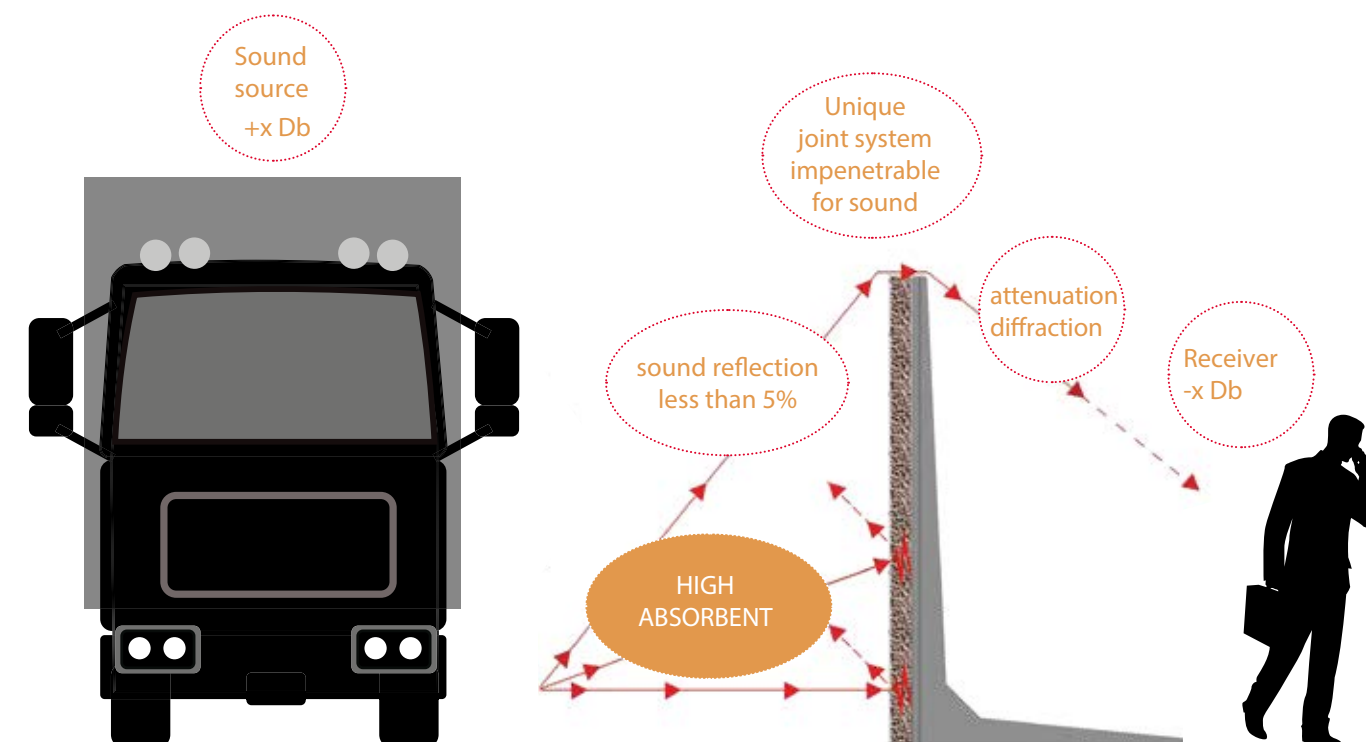
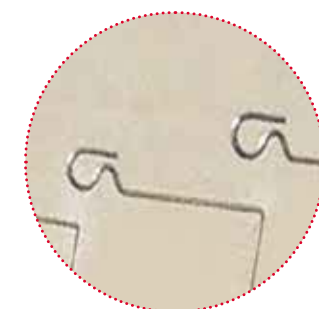
The VBIONEN® with a 20, 30, 40 or 50 cm thick filling of lava rock (Vulkapor®) were subjected to an extensive acoustic test subject (according to the standard DIN EN 1793). from this showed that the VBIONEN® a sound absorption class Achieved A3, what does it say for 'highly absorbent' with a sound recording of more than 90% and even up to 100% for some frequencies'.



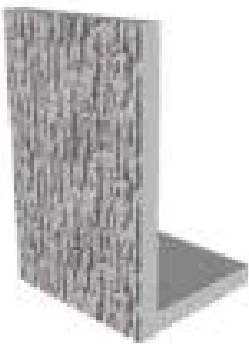
D = standard 20 cm
30 - 40 - 50 cm on request

COLD-DOWN FLEX ANCHORS

FLEXANKER



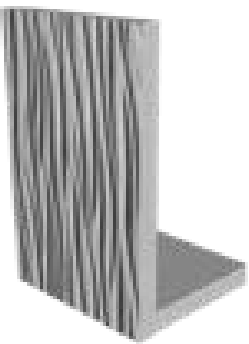
STRUCTURAL CONCRETE



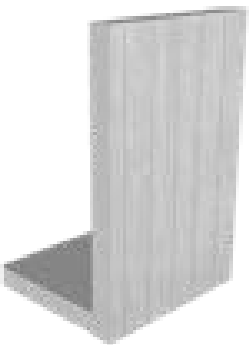
Canyon



Himalaya



Pacific



Amazon

ALSTONE adds a creative touch to the expanded range of functional retaining walls. From now it is also possible to choose a structure for your retaining walls. As a result, the retaining walls real design elements. Form an extra contrast or they integrate seamlessly into their environment, the use of Structured concrete is certainly an added value for every project.
The structures are applicable to the AL(K)(X), OL(K)(X)(D) and OAL(K)(X)(D) products.



- Earth barrier
- Separation wall
- Gardens



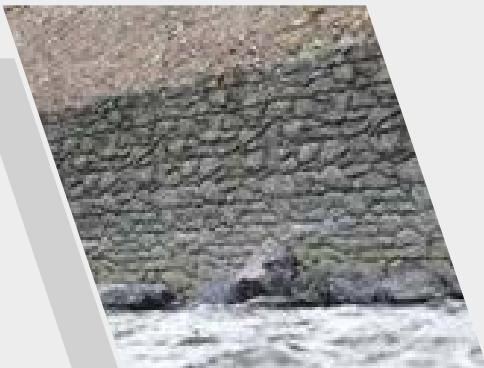
- Aesthetic
- 4 basic structures available from 0.4m to 2.55m at an advantageous rate
- Various structures available on request
- View in line with surroundings
- Also available on the corner variants



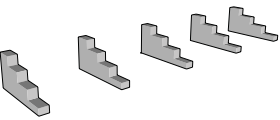
See AL(K)(X) / OAL(K)(X)(D) / OL(K)(X)(D)



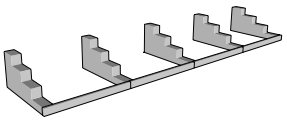
Available lengths: 1 or 2 meters
Available heights: 0.4 to 2.55 meters standard
2.8 to 4.55 meters on request



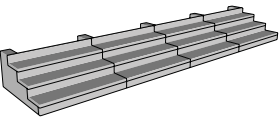
AMPHITHEATER / STAND



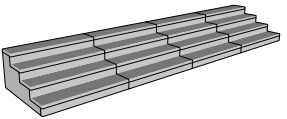
Step 1



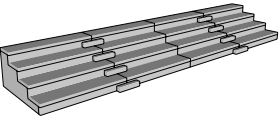
Step 2



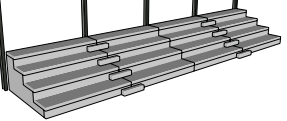
Step 3



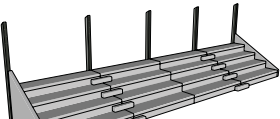
Step 4



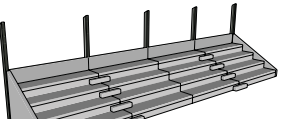
Step 5



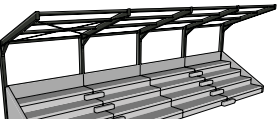
Step 6



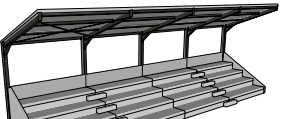
Step 7



Step 8



Step 9



Step 10

ALSTONE offers a total concept for small grandstands or amphitheatres. These are available in fixed width modules of 4 meters.



- Standing grandstand
- Grandstand
- Amphitheater



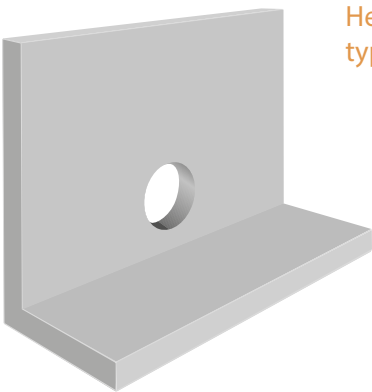
- Complete package available
- Matching steps available
- Finish with seats
- Possibility of covering and plinths on the side



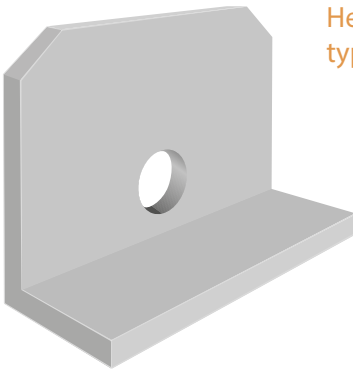
Available length: modules per 4 meters or custom
Available heights: custom
Available depths: custom



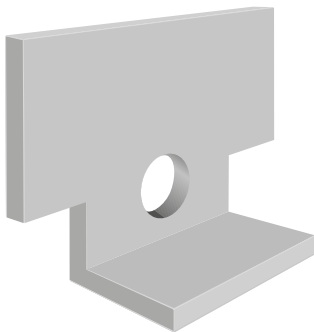
HEAD WALLS



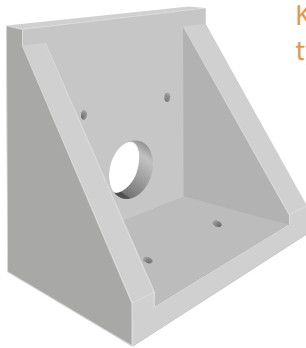
Head wall type 1



Head wall type 2



Head wall type 3

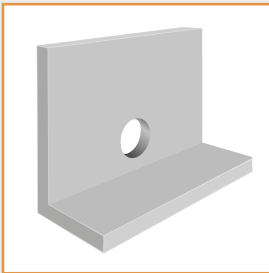


Kopmuur type 4

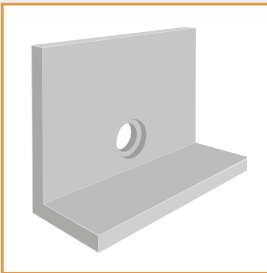
End walls are placed as a retaining wall where the transition is made to a watercourse or canal. All our head walls have a certificate. These head walls are always made at the desired size of the customer. Through the website you can choose the desired type, specify the desired dimensions and recess.

- Water throughput
- Earth barrier
- Weir
- Fast production
- Fully customized and according to the customer's wishes
- Various types of recess possible
- Nuisance on request.
- Available lengths: up to 9 meters long
- Available heights: on request
- Available thicknesses: 10, 12, 20, 25 or 30 cm

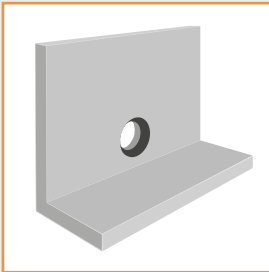
Type of cutouts



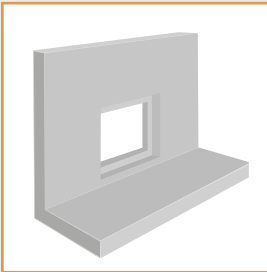
Cold



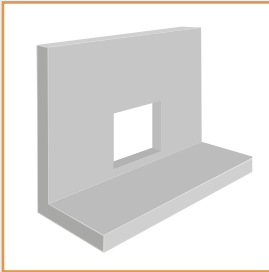
Half wall thickness



Sleeve

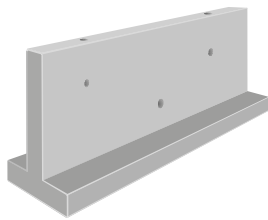


Tube half wall thickness

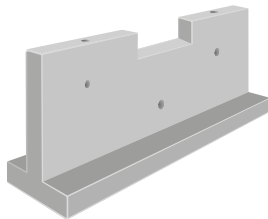


Tube cold

OVERFLOW



Overflow type 1

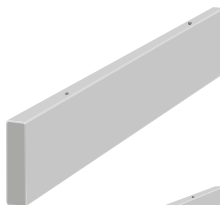


Overflow type 2

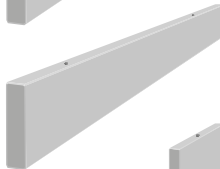
Onze overstorten worden geplaatst als grondkering waar de overgang wordt gemaakt naar een waterloop of gracht. Deze overstorten worden op maat gemaakt zodat ze in werking treden bij het voor de klant cruciale punt van de waterhoogte en zorgen voor een gecontroleerde waterafvoer.

- Water throughput
- Earth barrier
- Weir
- Fast production
- Fully customized and according to the customer's wishes
- Various types of recess possible
- Nuisance on request.
- Available lengths: up to 9 meters long
- Available heights: on request
- Available thicknesses: 10, 12, 20, 25 or 30 cm

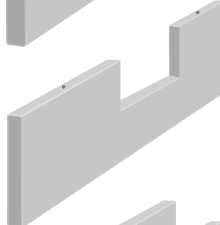
PLINTEN



Plinth type 1



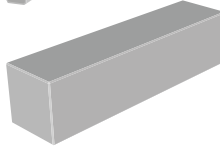
Plinth type 2



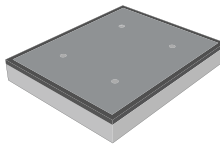
Plinth type 3



Plinth type 4



Plinth type 5 bench



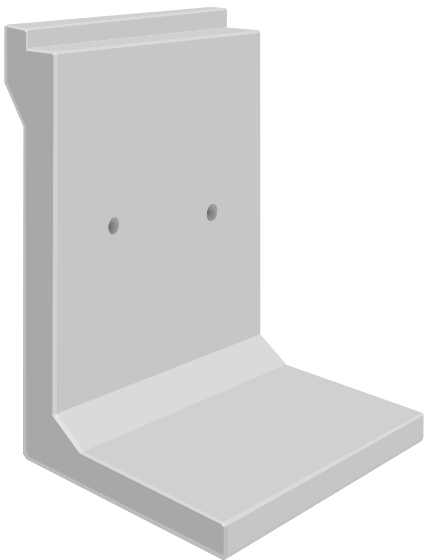
Plinth type 6 Culvert plate

ALSTONE skirting boards are completely custom-made. The skirting boards always have a standard finish with one side industrial smooth concrete and the other side hand-smooth concrete. A finish in blue is available on request or brown silex possible.

- Earth barrier
- Facade finish
- Foundation wall
- Partition wall
- Flower box
- Bench
- Hall construction
- Fast production
- Fully customized and according to the customer's wishes
- Available dimensions:
 - Lengths from 0.1m to 9m
 - Heights from 0.1m to 4m
 - Thicknesses from 10 cm to ... cm



PLATFORM BOARD



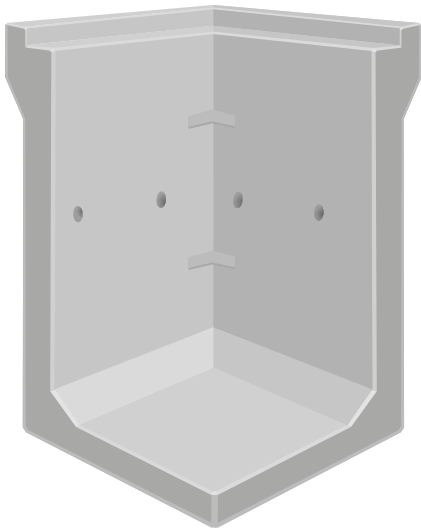
M95/96

ALSTONE produces platform edges that be made specifically according to the prescribed specifications per region and/or country.

The platform edges are available both as an L-element and available as a corner element.

- Station
- Tram stop
- Always tailor-made according to regulations per region and/or country
- Cold connection
- Complete package available
- Specifications according to regulations per region and/or country
- Dimensions according to regulations per region and/or country

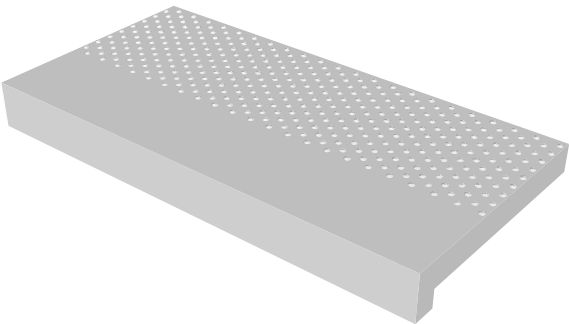
Other technical specifications see page 54



M95/96 hoek



PLATFORM EDGE-NOSE



The platform edges are offered in 2 different types. A platform edge with a nose or without a nose.

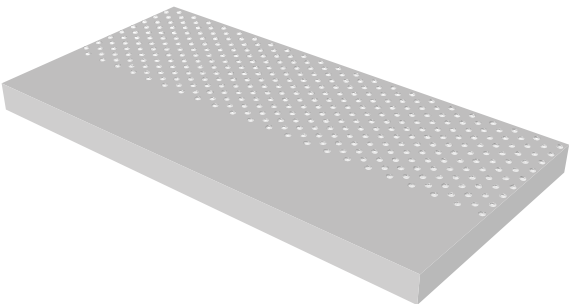
The width of the platform edge is always 1m. The stud zone also has a fixed size and is divided into 0.4m industrial smooth and 0.6m stud zone. The finish on the underside of the platform edge is hand-smooth.

The standard length of the platform edge is 2m. The length is not dimensionally stable and offers the possibility of customization if the length is less than 2m.

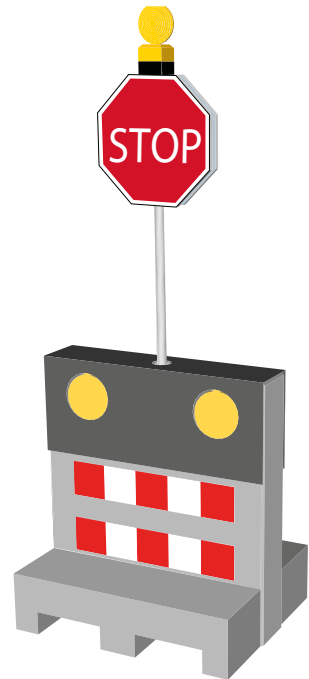
- Station
- Tram stop
- The length and thickness of the platform edge are variable
- Available with and without nose
- Shatter-free head
- Verkrijgbare lengtes: standaard 2 meter of minder

Other technical specifications see page 55

PLATFORM EDGE-FLAT



VBK



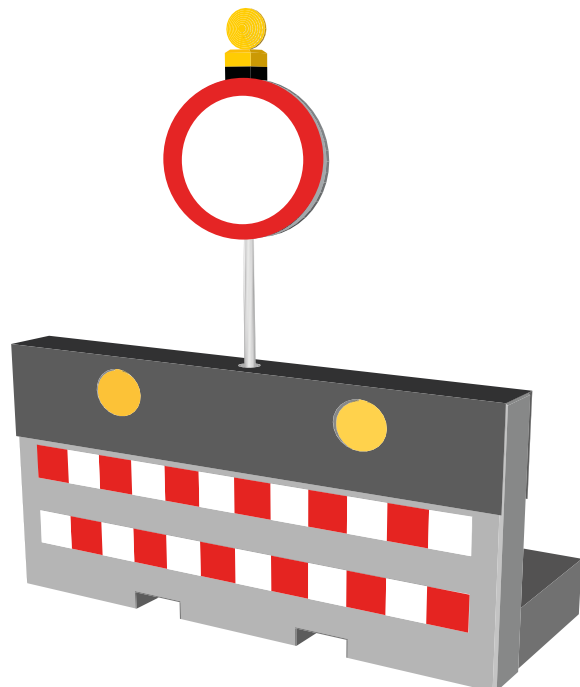
The VBK and VBG are multifunctional and designed to create a safe seal as well as a safe passageway for emergency services. Temporary event closures are also possible. Despite its robust appearance makes it convenient to move with a pallet truck to provide a quick passage to emergency services give if necessary. The VBG and VBK are with a simple intervention in series. Various traffic signs, flashing lights can be attached to the elements and add reflector strips.

- Festivals
- Sporting events
- Parades & parades
- ✓ • Secure closure
- Easy to move
- Available with or without signage package

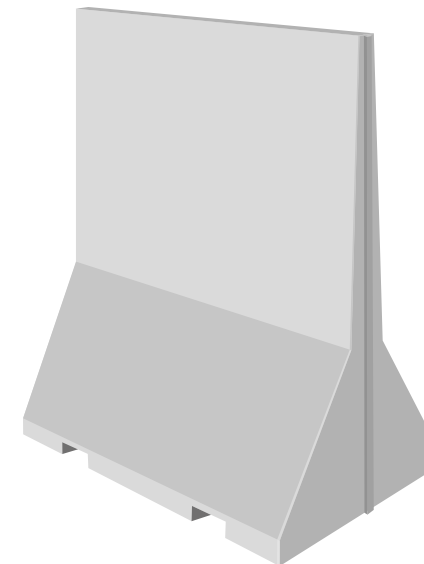
VBK: Available length: 1 meter
VBG: Available length: 2 meters
VBK: Available height: 1.1 meters
VBG: Available height: 1.1 meters

Overige technische specificaties zie pag 56

VBG



AX



The AX and AXZ are elements that can be reversed tax. They lend themselves to placing on an existing concrete floor and are easy to move with a forklift thanks to the recesses in the base. The AX and AXZ are more stable alternatives to Lego blocks.

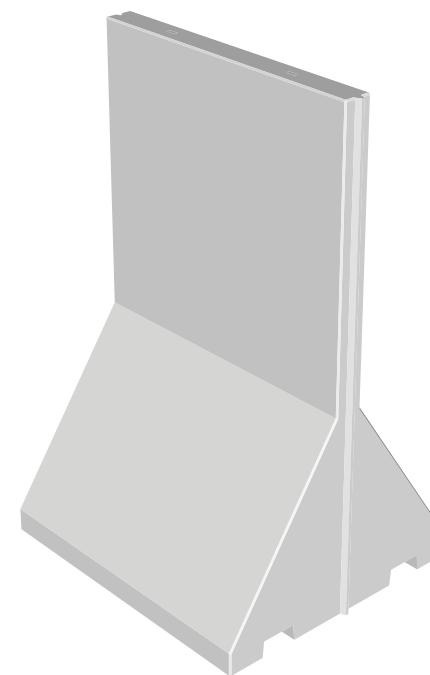
- ✎ • Indoor en outdoor opslag van zand en grind
- Indoor en outdoor opslag van aardappelen, bieten, ...
- Containerpark
- Recyclage
- ✓ • Uitsparing voor verplaatsing met heftruck
- Afrolhelling op voet zodat geen product op de voet blijft liggen
- Tand- en groefverbinding
- Stabieler dan legoblokken dankzij massieve voet

kg AX/AXZ: Double-retaining, max. addition (S.G.) 1800 kg/m³

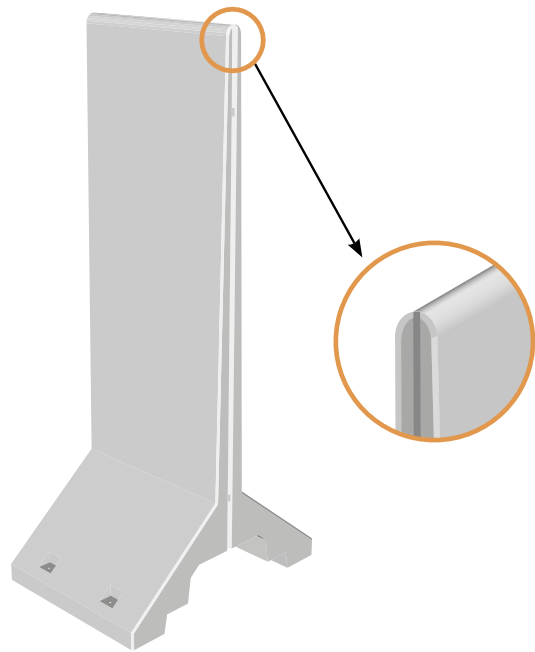
AX/AXZ: Available length: 2 meters
AX: Available heights: 1.5 and 2 meters
AXZ: Available heights: 2 to 4 meters

Overige technische specificaties zie pag 57

AXZ



GKT



The GKT and HKT are T-elements that are reversible. The fact that they are reversible is what makes them extremely suitable for storage.

These elements are required to be anchored in the soil with wedge bolts so that the wall cannot slide away. These bolts are recessed into the wall so that they do not hinder.

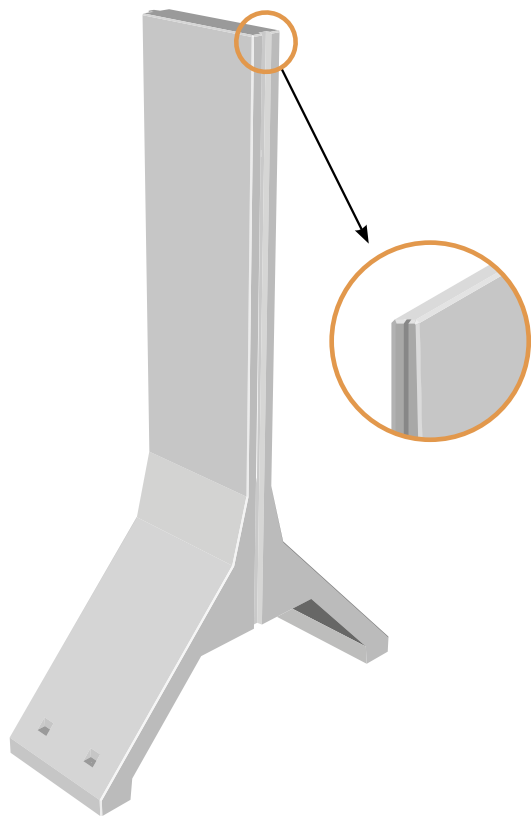
- ✎ • Indoor and outdoor storage of sand and gravel
- ✎ • Container park
- ✎ • Recycling
- ✓ • Easy to move with a forklift
- ✓ • Rolling ramp on foot so that no product remains on the foot
- ✓ • Round head (GKT)
- ✓ • Flat head (HKT)
- ✓ • Tongue and groove connection

kg GKT: Double-retaining, max. replenishment (S.G.) 850 Kg/m³
HKT: Double-retaining, max. addition (S.G.) 1500 Kg/m³

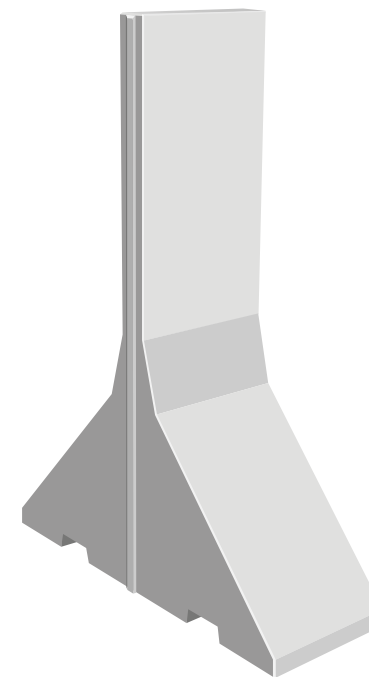
△ GKT: Available length: 1 meter
HKT: Available length: 1 meter
GKT: Available heights: 2 to 4 meters
HKT: Available heights: 3 to 6 meters

Overige technische specificaties zie page 58

HKT



HKZT



The HKZT are T-elements that can be turned double retaining.

The HKZH are the corner elements that belong to the HKZT elements.

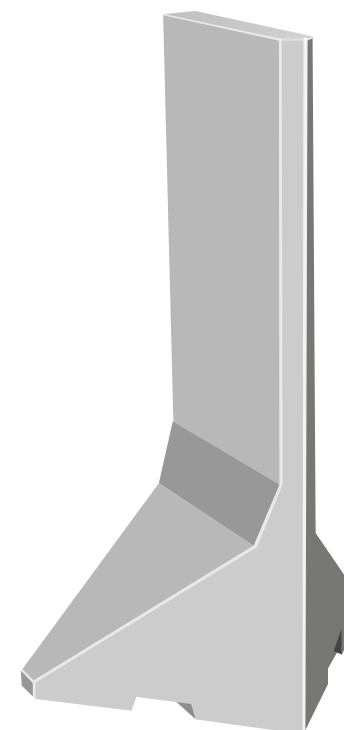
- ✎ • Indoor and outdoor storage of sand and gravel
- ✎ • Container park
- ✎ • Recycling
- ✓ • Easy to move with a forklift
- ✓ • Rolling ramp on foot so that no product remains on the foot
- ✓ • Available heights up to 6m
- ✓ • Tongue and groove connection
- ✓ • No anchoring required when placed on a concrete floor

kg HKZT: Double-retaining, max. addition (S.G.) 2000 kg/m³
HKZH: Double-retaining, max. addition (S.G.) 2000 kg/m³

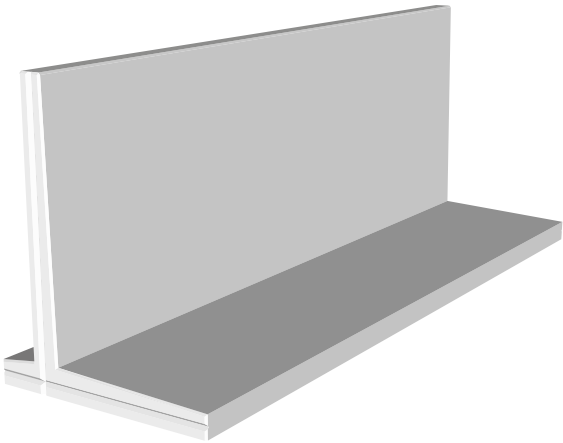
△ HKZT: Verkrijgbare lengte: 1 meter
HKZH: Verkrijgbare lengte: 1,7 meter
HKZT: Verkrijgbare hoogtes: 3 tot 6 meter
HKZH: Verkrijgbare hoogtes: 3 tot 6 meter

Overige technische specificaties zie page 59

HKZH



STX(X)(X)(V)(D)



The STX(X)(X)(V) retaining walls are single-retaining on the foot load. The STX(X)(X)(V)D, on the other hand, is double taxation. These retaining walls can an axle load of ±10 tons. Nuisances of 15 tons and 20 tons are available on request.

The TSTXX are retaining walls that connect to the HTSTXX retaining walls and can be loaded twice.

Both the upright wall and the bottom plate have a groove for mounting sealing devices. This is to guarantee a complete seal.

- Corn and grass silos
- Earth barrier
- Recycling Applications
- Standard 10 tons of nuisance
- Industrial smooth on both sides
- Flat head
- Groove – Groove Connection
- Equal head thickness – 12 cm
- Possibility of additional mounting eg. closure, rail, roof
- No lifting hooks - available on request
- Beveling capability
- Wooden or plastic closure from bottom to top and recess in foot for swelling paste / wooden or plastic closure
- Sloping foot to drain corn juices
- Option double turning

- kg STX(X)(X)(V): Single-turn foot side, overload 2500 kg/m²
- STX(X)(X)(V)D: Double turning, nuisance foot side 2500 kg/m² and back 1000 kg/m²
- TSTXX: Double reversing, overload 2500 kg/m²

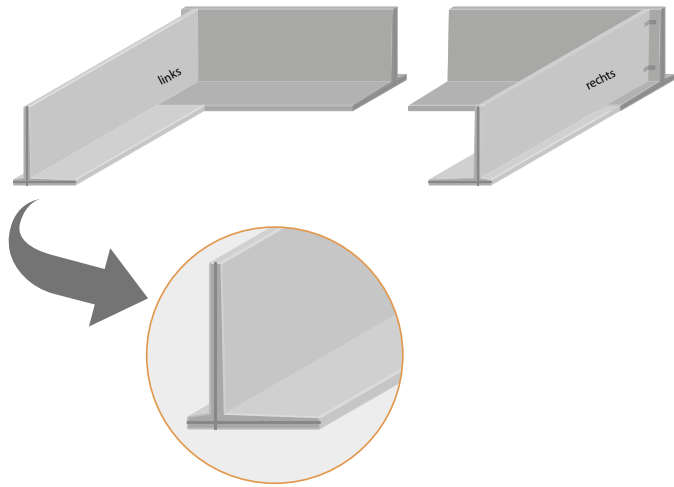
Larger nuisance possible on request

- STX(X)(X)(V)(D): Available lengths: 2.5 to 6 meters
- TSTXX: Available length: 4 meters
- STX(X)(X)(V)(D): Available heights: 1 to 3 meters
- TSTXX: Available heights: 1.5 to 2.5 meters

Other technical specifications see page 60



HSTXX(X)(D)



The H(T)STXX(X)(D) retaining walls are the corner solutions that belong to the STX(X)(X)(V)(D) and the TSTXX retaining walls. The HSTXX(X) retaining walls are single-turning on the footload. The H(T)STXX(X)D, on the other hand, is double taxation.

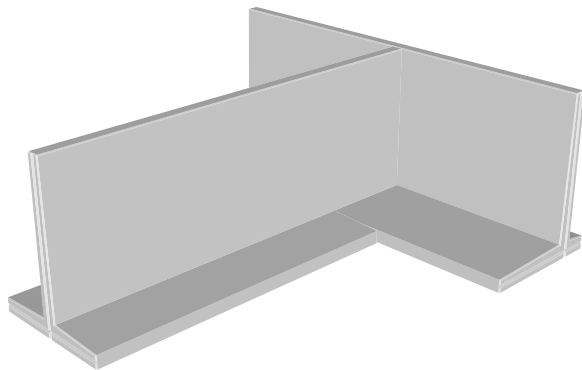
- Corn and grass silos
- Earth barrier
- Recycling Applications
- Standard 10 tons of nuisance
- Industrial smooth on both sides
- Flat head
- Groove – Groove Connection
- Equal head thickness – 12 cm
- Possibility of additional mounting eg. closing, rail, canopy
- No lifting hooks - available on request
- Beveling capability
- Wooden or plastic closure from bottom to top and recess in foot for swelling paste / wooden or plastic closure
- Sloping foot to drain corn juices
- Option double turning

- kg HSTXX(X): Single-turn foot side, overload 2500 kg/m²
- HSTXX(X)D: Double turning, nuisance foot side 2500 kg/m² and back 1000 kg/m²
- HTSTXX: Double reversing, overload 2500 kg/m²

Larger nuisance possible on request

- HSTXX(X)(D): Available lengths: 4 and 6 meters
- HTSTXX: Available length: 4 meters
- HSTXX(X)(D): Available heights: 1 to 2.5 meters
- HTSTXX: Available heights: 1.5 to 2.5 meters

Other technical specifications see page 61

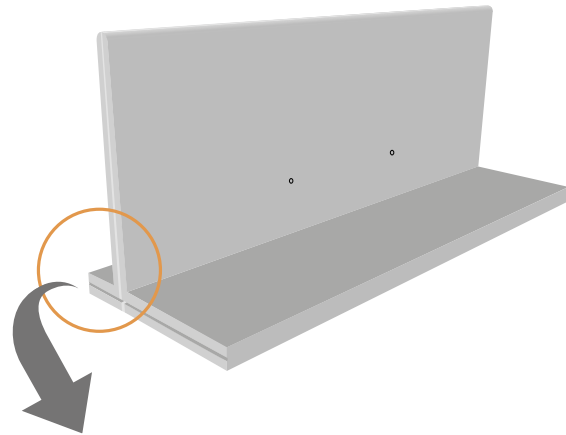


SLGXX



The SLGXX retaining walls are single-turning on the foot side tax. These retaining walls can withstand an axle load of ± 10 tons. The HSLGXX walls are the corner solutions that belong with the SLGXX retaining walls.

Both the upright wall and the bottom plate have a groove for mounting sealing devices. This is to guarantee a complete seal.



V-groef 15x15 mm
voor zwelpasta

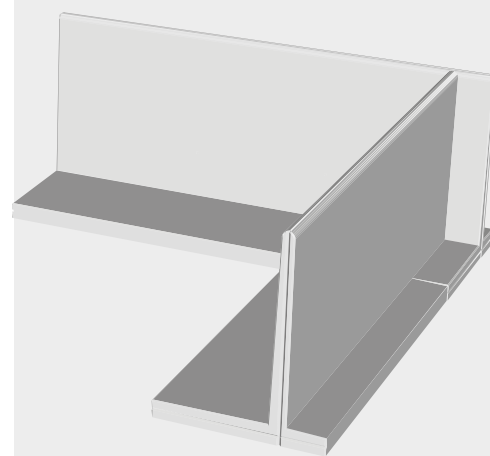
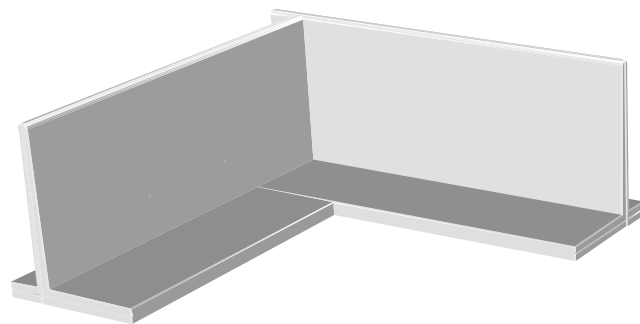
- Corn and grass silos
- Earth barrier
- Recycling Applications
- Standard 10 tons of nuisance
- Industrial smooth on both sides
- Round head
- Groove – Groove Connection
- Wooden or plastic closure from bottom to top and recess in foot for swelling paste / wooden or plastic closure
- Sloping foot to drain corn juices

SLGXX: Single-turning foot side, nuisance 2500 kg/m²
HSLGXX: Single-turning foot side, nuisance 2500 kg/m²

SLGXX: Available length: 4 meters
HSLGXX: Available length: 4 meters
SLGXX: Available heights: 1.5 and 2 meters
HSLGXX: Available heights: 1.5 and 2 meters

Other technical specifications see page 62

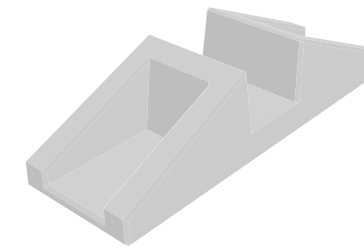
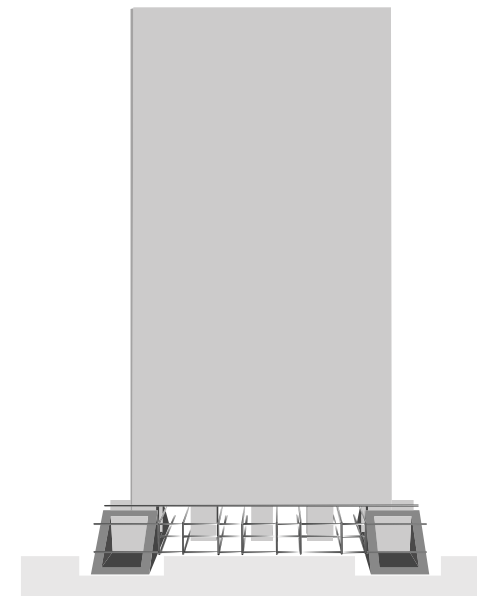
HSLGXX



SLS



The SLS are trench silo panels that have a double load could be. These panels can collapse themselves turn into. It is possible to change the start and end panels of the chamfering the trench silo. By default, this is provided for 1 x 1 meters.

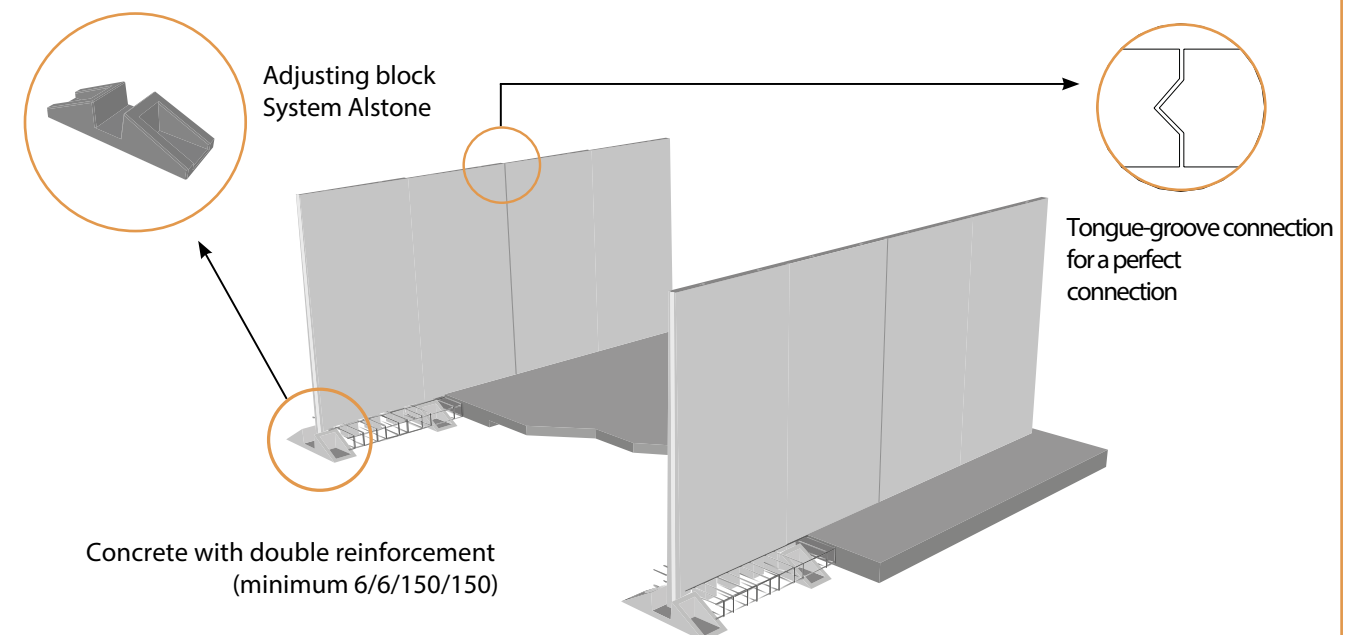


- Corn and grass silos
- Grain storage, potatoes, beets, etc...
- Standard 10 tons of nuisance
- Budget friendly
- Silo expandable to any side
- On request provision of clamping straps
- Placement kit available on request
- Adjusting block system facilitates mounting (fewer struts)
- Various coupling systems :
 - T and - groove in concrete
 - Groove - groove for grout
 - Groove - groove for coupling lath in wood or plastic

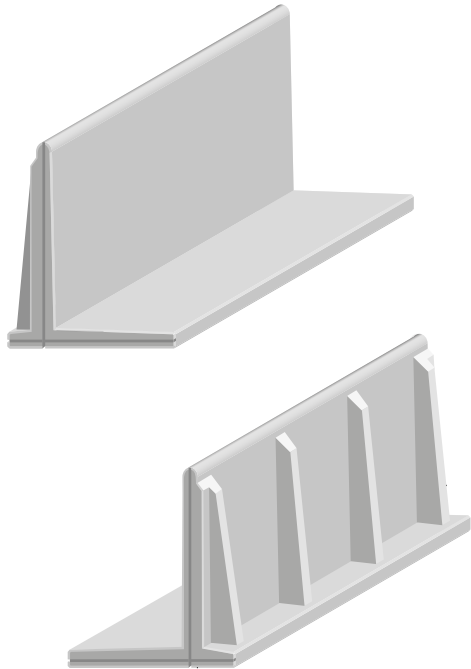
SLS: Double barrier, nuisance 1300 kg/m²

SLS: Available lengths: 2.4 and 3 meters
SLS: Available heights: 1.45 to 2.75 meters

Other technical specifications see page 43



VBLX(X)(V)

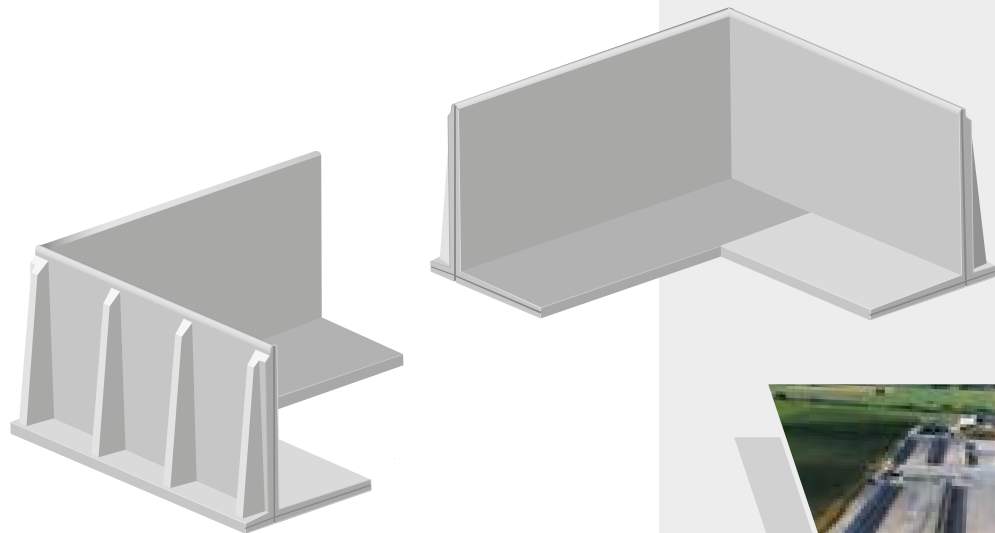


The VBLX(X)(V) retaining walls are single-retaining on the foot load. These retaining walls can bear an axle load to ± 15 tons. The VBHLXX walls are corner solutions that belong to the VBLX(X)(v) retaining walls and can be loaded single-turning

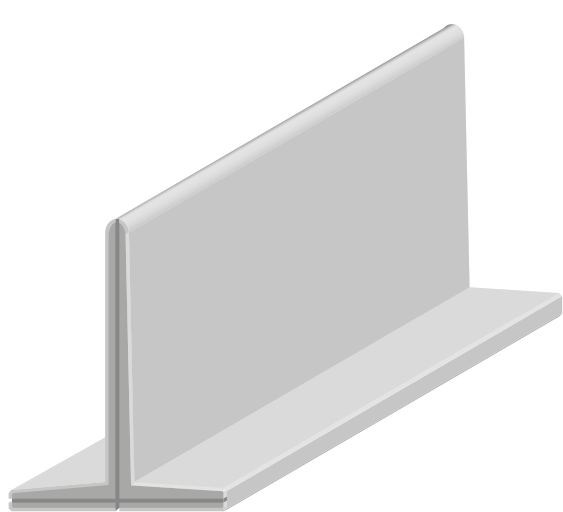
- Corn and grass silos
 - ✓ • Standard 15 tons axle load
 - Groove – Groove Connection
 - Round head
 - Wooden or plastic closure from bottom to top and recess in foot for swelling paste / wooden or plastic closure
 - Sloping foot to drain corn juices
- VBLX(X)(V): Single-turn foot side, nuisance 3500 kg/m^2
VBHLXX: Single-turning foot side, nuisance 3500 kg/m^2
- VBLX(X)(V): Available lengths: 2.5 to 4 meters
VBHLXX: Available length: 4 meters
VBLX(X)(V): Available heights: 1.5 to 3 meters
VBHLXX: Available heights: 1.5 to 2.5 meters

Other technical specifications see page 63 and 64

VBHLXX



VBTX(X)(V)

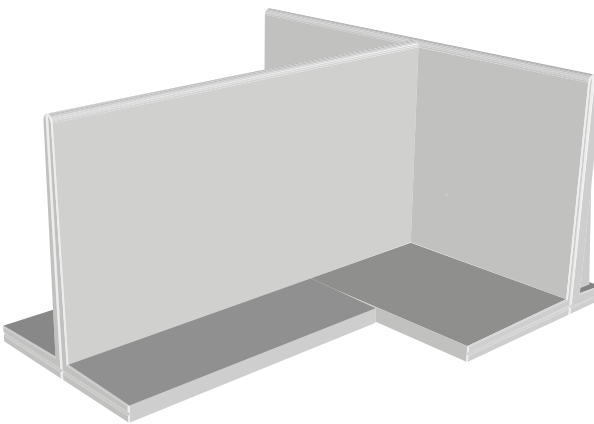


The VBTX(X)(V) are retaining walls that have a double load could be. This retaining wall is placed against the VBHXX posted. The VBHTXX is a T-retaining wall that can be mounted on both the VBLX(X)(V) as can be placed against the VBTX(X)(V).

- Corn and grass silos
 - ✓ • Standard 15 tons axle load
 - Groove – Groove Connection
 - Round head
 - No lifting hooks
 - Wooden or plastic closure from bottom to top and recess in foot for swelling paste
 - Sloping foot to drain corn juices
 - Loadable on both sides
- VBTX(X)(V): Double-turning, nuisance 3500 kg/m^2
VBHTXX: Double barrier, nuisance 3500 kg/m^2
- VBTX(X)(V): Available lengths: 2.5 to 4 meters
VBHTXX: Available length: 3.88 meters
VBTX(X)(V): Available heights: 1.5 to 3 meters
VBHTXX: Available heights: 1.5 to 2.5 meters

Other technical specifications see page 64 and 65

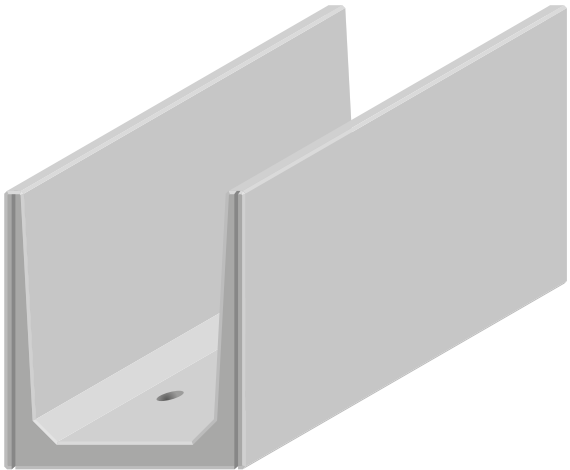
VBHTXX



UX(X)



The UX(X) are retaining walls that have a double load could be. To obtain a perfect load the UX(X) retaining walls must be filled 2/3 with soil, sand or gravel. The UX(X) elements can an axle load of ± 10 tons. The UX Headpiece is supplied as standard at 2/3 height of the element.



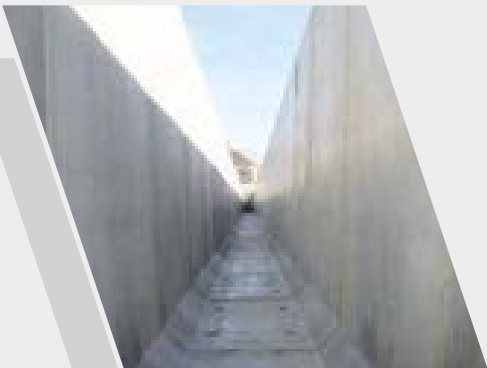
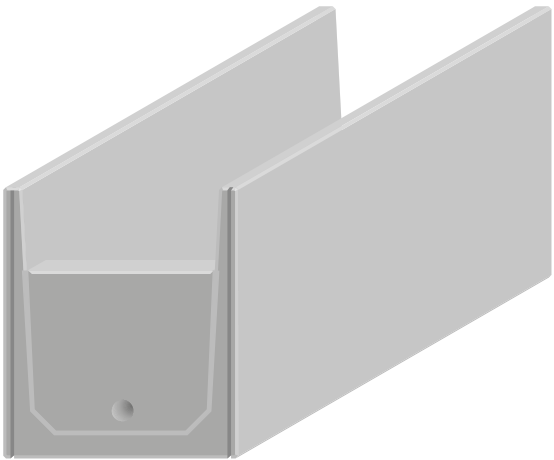
- Corn and grass silos
- ✓ Safe passage between silos
- Space to lay sandbags
- Staircase option
- Can be fitted on the inside with eye bolts (screwed in with wedge bolt) for mounting tensioning belts
- Closing with lid possible
- Bevel option
- Flat head
- Wooden or plastic closure from bottom to top
- Hole in head piece possible for water drainage

UX(X): Double barrier, overload 2500 kg/m²

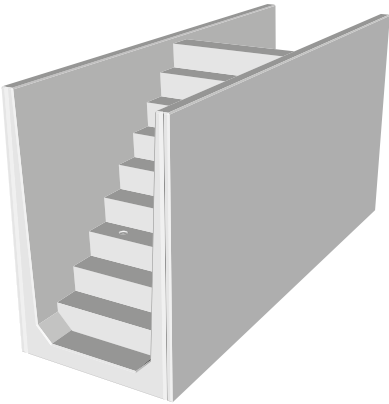
UX(X): Available lengths: 2 and 4 meters
UX(X): Available heights: 1 to 3 meters

Other technical specifications see page 66

UX HEAD



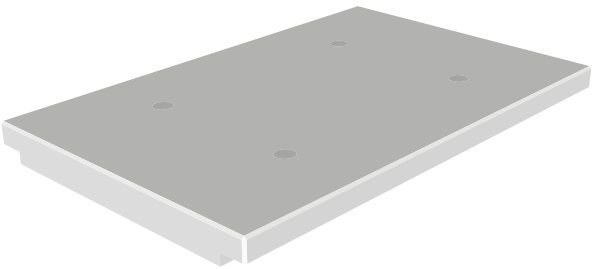
UX STEPS



The UX(X) retaining walls have the option to be equipped with a staircase. With a 2/3rd addition of soil in the UX(X) retaining walls, these stairs ensure for easy access and walk through between the silos. These stairs are available from 3 to 14 steps and there are the possibility to provide a through hole for water drainage.

Other technical specifications see page 67

UX LID



There are corresponding lids for the UX(X) retaining walls available. These are available in thicknesses of 14 or 20 cm. The 14 cm lid can withstand an axle load of 10 tons, the 20 cm thick cover can withstand an axle load of 15 tons.



thickness 14 cm
10 tons axle load



thickness 20 cm
15 tons axle load

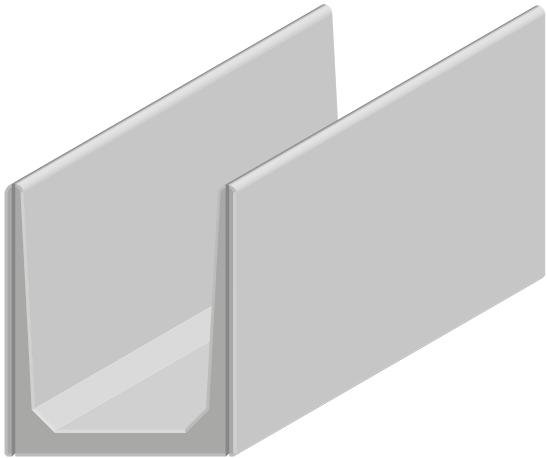
Other technical specifications see page 67



VBUX(X)



The VBUX(X) are retaining walls that are loaded twice could be. To obtain a perfect load the VBUX(X) retaining walls must be filled 2/3 with soil, sand or gravel. The VBUX(X) retaining walls can an axle load of ±15 tons. The VBUX Headjoint is supplied as standard at 2/3 height of the element.



- Corn and grass silos
- ✓ • Safe passage between silos
- Space to lay sandbags
- Staircase option
- Can be fitted on the inside with eye bolts (screwed in with wedge bolt) for mounting tensioning belts
- Closing with lid possible
- Round head
- Wooden or plastic closure from bottom to top
- Hole in head piece possible for water drainage

VBUX(X)(V): Double-turning, nuisance 3500 kg/m²

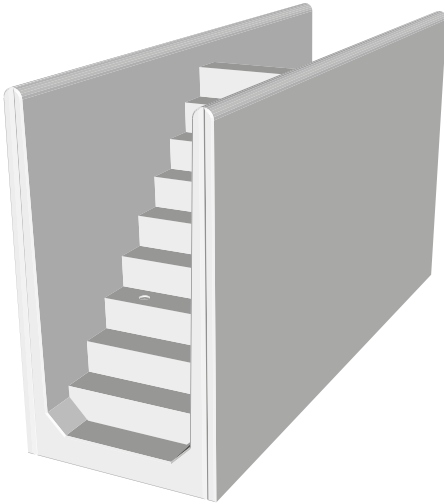
Available lengths: 2 to 4 meters
Available heights: 2 and 3 meters

Other technical specifications see page 68

VBUX HEAD



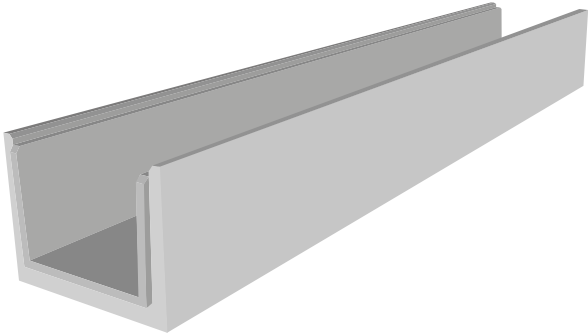
VBUX STEPS



The VBUX(X) retaining walls have the option to to be equipped with a staircase. With a 2/3rd addition of soil in the VBUX(X) retaining walls, these stairs for an easy step and walk between the silos. These stairs are available from 5 to 14 steps and there is the possibility to provide a through hole for water drainage.

Other technical specifications see page 69

CABLE TRAY



ALSTONE cable trays lend themselves, in addition to cable entry, also excellent for e.g. waters gas pipeline transit. These gutters can be optional be provided with lids for closing.

- Cable entry
- Gas pipe transit
- Drainage / transit of water
- ✓ • High throughput/discharge capacity
- Suitable for various applications

Available length: 4 meters
Available heights: 0.45 and 0.50 meters

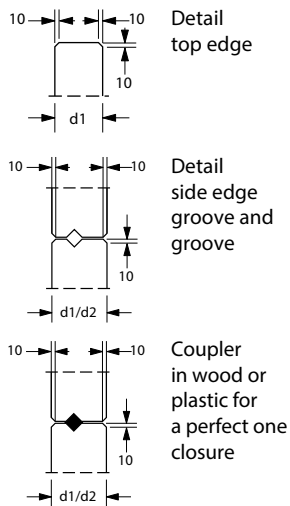
Other technical specifications see page 69



LX(X)(D) - LVX - LK



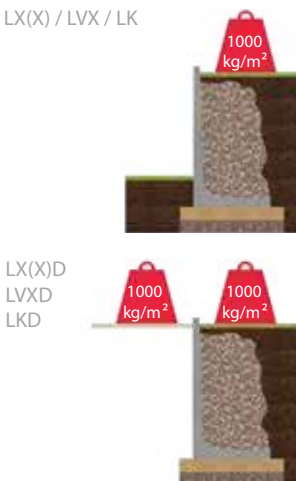
Detail edge finish
in mm



Tax schedule

Inclination angle of slope is max 35°

LX(X) / LVX / LK



Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	Nuisance foot side	Load back
LX(X) LVX LK LX(X)D LVXD LKD	industrial smooth	broomed / hand smooth silex / VBIONEN	DEHA	V-groove	C 55/67	1000 kg/m2 (or greater nuisance on request)	0 kg/m²
LX(X)D LVXD LKD	industrial smooth	broomed / hand smooth silex / VBIONEN	DEHA	V-groove	C 55/67	1000 kg/m²	1000 kg/m2 (or greater nuisance on request)

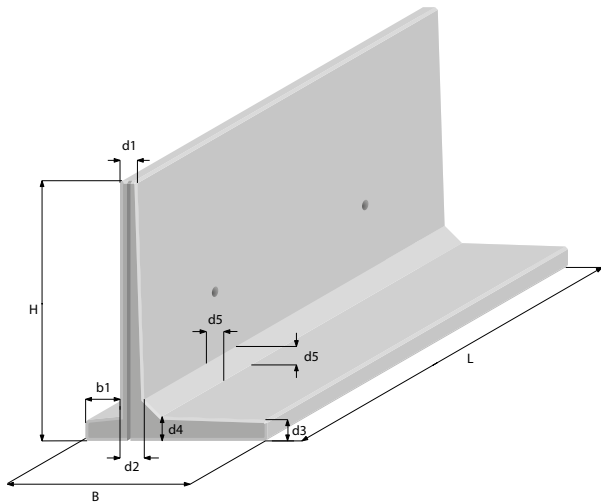
Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	Weight kg/element	Lifting facility
LK(D)	50	35	200	10	10	12	12	8	385	2 x 2,5 t
	75	60	200	10,5	12	12	12	8	720	2 x 2,5 t
	100	60	200	10	12	12	12	8	800	2 x 2,5 t
	125	85	200	10,7	14	12	14	10	1240	2 x 2,5 t
	150	85	200	10	14	12	14	10	1380	2 x 2,5 t
	175	115	200	10,6	15	12	15	12	1755	2 x 2,5 t
	200	115	200	10	15	12	15	12	1940	2 x 2,5 t
	225	135	200	10,7	17	12	17	15	2535	2 x 2,5 t
	250	135	200	10	17	12	17	15	2600	2 x 2,5 t
	275	160	200	10,7	19	12	19	20	3240	2 x 2,5 t
	300	160	200	10	19	12	19	20	3335	2 x 2,5 t
	325	185	200	10,7	24	12	24	24	4293	2 x 2,5 t
	350	185	200	10	24	12	24	24	4740	2 x 2,5 t
	375	230	200	14,7	29	12	29	29	6355	2 x 5 t
	400	230	200	12,9	29	12	29	29	6505	2 x 5 t
	425	230	200	12,4	29	12	29	29	6650	2 x 5 t
	450	230	200	10	29	12	29	29	6775	2 x 5 t
	475	260	200	15	35	14	35	49,5	9052	2 x 5 t
	500	260	200	14	35	14	35	49,5	9620	2 x 5 t
	525	260	200	15	40	25	40	49,5	14190	2 x 10 t
	550	260	200	14	40	25	40	49,5	14400	2 x 10 t
	575	260	200	15	40	25	40	49,5	14590	2 x 10 t
	600	300	200	14	40	25	40	49,5	14770	2 x 10 t

Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	Weight kg/element	Lifting facility
LXX(D)	75	60	400	10,5	12	12	12	8	1423	2 x 2,5 t
	100	60	400	10	12	12	12	8	1680	2 x 2,5 t
	125	85	400	10,7	14	12	14	10	2385	2 x 2,5 t
	150	85	400	10	14	12	14	10	2660	2 x 2,5 t
	175	115	400	10,6	15	12	15	12	3680	2 x 2,5 t
	200	115	400	10	15	12	15	12	3920	2 x 2,5 t
	225	135	400	10,7	17	12	17	15	4960	2 x 5 t
	250	135	400	10	17	12	17	15	5200	2 x 5 t

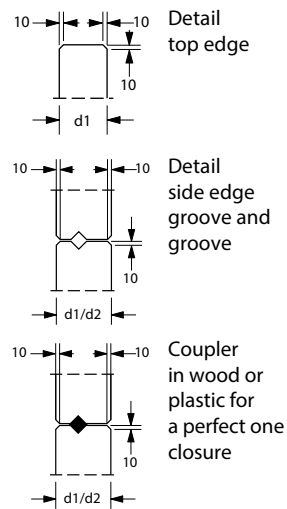
LVX(D)	700	330	150	15	50	15	50	50	15400	2 x 10 t
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LK(D)	50	35	100	10	10	12	12	8	200	1 x 2,5 t
	75	60	100	10,5	12	12	12	8	360	1 x 2,5 t
	100	60	100	10	12	12	12	8	420	1 x 2,5 t
	125	85	100	10,7	14	12	14	10	620	1 x 2,5 t
	150	85	100	10	14	12	14	10	690	1 x 2,5 t
	175	115	100	10,6	15	12	15	12	920	1 x 2,5 t
	200	115	100	10	15	12	15	12	970	1 x 2,5 t
	225	135	100	10,7	17	12	17	15	1240	1 x 2,5 t
	250	135	100	10	17	12	17	15	1300	1 x 2,5 t
	275	160	100	10,7	19	12	19	20	1620	1 x 2,5 t
	300	160	100	10	19	12	19	20	1720	1 x 2,5 t

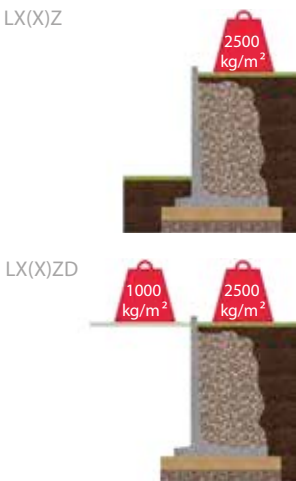
LX(X)Z(D)



Detail edge finish
in mm



Tax schedule
Inclination angle of slope is max 35°

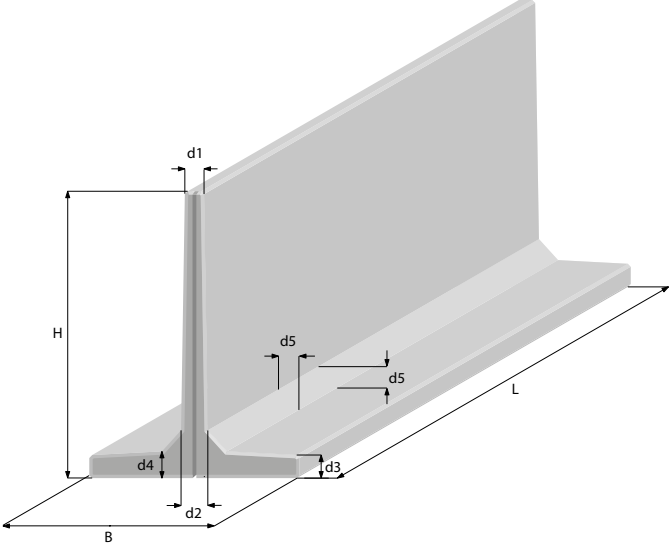


Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	Nuisance foot side	Load back
LX(X)Z	industrial smooth	broomed / hand smooth silex / VBIONEN	DEHA	V-groove	C 55/67	2500 kg/m2 or greater nuisance on request	0 kg/m²
LX(X)ZD	industrial smooth	broomed / hand smooth silex / VBIONEN	DEHA	V-groove	C 55/67	2500 kg/m2 or greater nuisance on request	1000 kg/m2 (or greater nuisance on request)

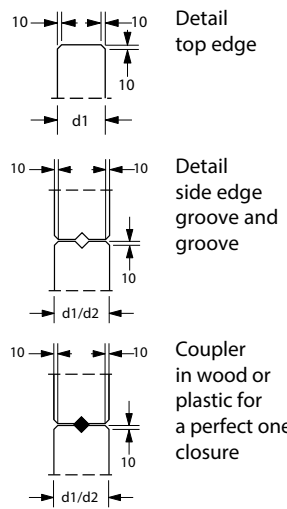
Type	H cm	B cm	L cm	b1 cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	Weight kg/element	Lifting facility
LXZ(D)	50	55	200	20	10	10	12	12	8	540	2 x 2,5 t
	75	80	200	20	10,5	12	12	12	8	860	2 x 2,5 t
	100	80	200	20	10	12	12	12	8	930	2 x 2,5 t
	125	105	200	20	10,7	14	12	14	10	1420	2 x 2,5 t
	150	105	200	20	10	14	12	14	10	1520	2 x 2,5 t
	175	135	200	20	10,6	15	12	15	12	1980	2 x 2,5 t
	200	135	200	20	10	15	12	15	12	2120	2 x 2,5 t
	225	165	200	30	10,7	17	12	17	15	2720	2 x 2,5 t
	250	165	200	30	10	17	12	17	15	2840	2 x 2,5 t
	275	190	200	30	10,7	19	12	19	20	3480	2 x 2,5 t
	300	190	200	30	10	19	12	19	20	3680	2 x 2,5 t
	325	215	200	30	10,7	24	12	24	24	4553	2 x 2,5 t
	350	215	200	30	10	24	12	24	24	4980	2 x 2,5 t
	375	260	200	30	14,7	29	12	29	29	6477	2 x 5 t
	400	260	200	30	12,9	29	12	29	29	7020	2 x 5 t
	425	260	200	30	12,4	29	12	29	29	6828	2 x 5 t
	450	260	200	30	10	29	12	29	29	7300	2 x 5 t
	475	290	200	30	15	35	14	35	49,5	9522	2 x 5 t
	500	290	200	30	14	35	14	35	49,5	10290	2 x 10 t
	525	290	200	30	15	40	25	40	49,5	14400	2 x 10 t
	550	290	200	30	14	40	25	40	49,5	14610	2 x 10 t
	575	290	200	30	15	40	25	40	49,5	14800	2 x 10 t
	600	348	200	48	14	40	25	40	49,5	15140	2 x 10 t

LXXZ(D)	75	80	400	20	10,5	12	12	12	8	1720	2 x 2,5 t
	100	80	400	20	10	12	12	12	8	1960	2 x 2,5 t
	125	105	400	20	10,7	14	12	14	10	2840	2 x 2,5 t
	150	105	400	20	10	14	12	14	10	3040	2 x 2,5 t
	175	135	400	20	10,6	15	12	15	12	3960	2 x 2,5 t
	200	135	400	20	10	15	12	15	12	4240	2 x 2,5 t
	225	165	400	30	10,7	17	12	17	15	5440	2 x 2,5 t
	250	165	400	30	10	17	12	17	15	5680	2 x 2,5 t

TX(X)



Detail edge finish
in mm



Tax schedule
Inclination angle of slope is max 35°

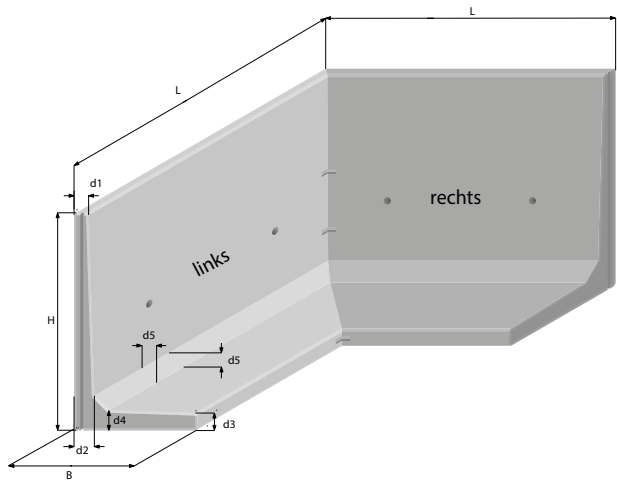


Type	Finish foot side	Finish back	Lifting facility	Conne-ction	Type of concrete	Nuisance foot side	Load back
TX TXX	industrial smooth	industrial smooth	lifting clamp	V-groove	C 55/67	1300 kg/m2 (or greater nuisance on request)	1300 kg/m2 (or greater nuisance on request)

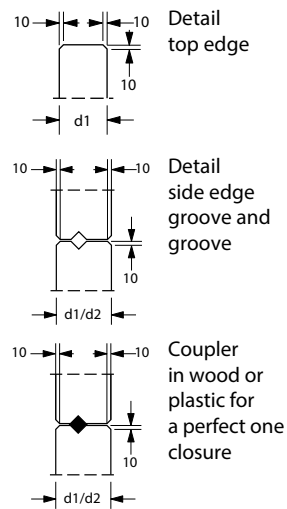
Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	Weight kg/element	Lifting facility
TX	100	75	200	10	12	12	12	8	940	lifting clamp or other possible on request
	150	110	200	10	14	12	14	10	1580	lifting clamp or other possible on request
	200	140	200	10	15	12	15	12	2100	lifting clamp or other possible on request
	250	170	200	10	17	12	17	15	3020	lifting clamp or other possible on request
	300	200	200	10	19	12	19	20	3980	lifting clamp or other possible on request

TXX	100	75	400	10	12	12	12	8	1900	lifting clamp or other possible on request
	150	110	400	10	14	12	14	10	3200	lifting clamp or other possible on request
	200	140	400	10	15	12	15	12	4370	lifting clamp or other possible on request
	250	170	400	10	17	12	17	15	6040	lifting clamp or other possible on request

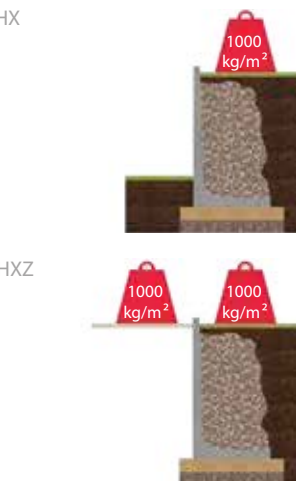
HX(D)



Detail edge finish
in mm



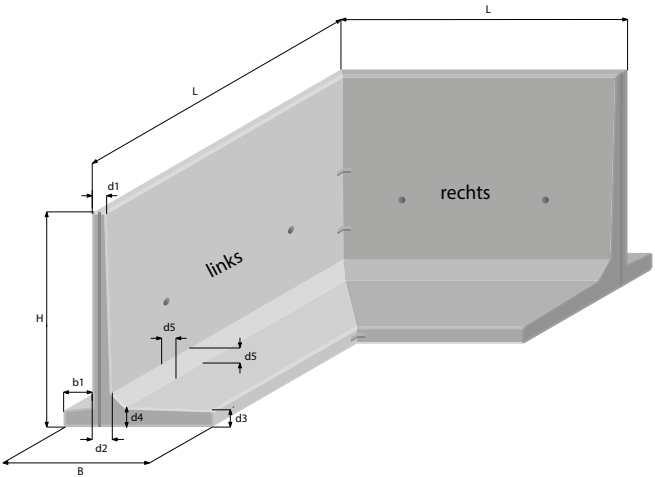
Tax schedule
Inclination angle of slope is max 35°



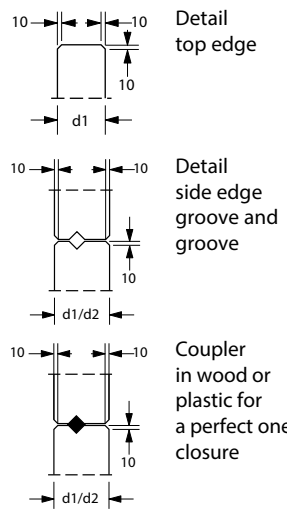
Type	Finish foot side	Finish back	Lifting facility see page 71	Connection	Type of concrete	Nuisance foot side	Load back	Structure
HX	industrial smooth	broomed / hand smooth silex / VBIONEN	DEHA	V-groove	C 55/67	1000 kg/m ²	0 kg/m ²	2-piece
HXD	industrial smooth	broomed / hand smooth silex / VBIONEN	DEHA	V-groove	C 55/67	1000 kg/m ²	1000 kg/m ²	2-piece

Type	H cm	B cm	L x L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	Weight kg/element	Lifting facility
HX(D)	50	35	200/200	10	10	12	12	8	748	2 x 2,5 t
	75	60	200/200	10,5	12	12	12	8	1264	2 x 2,5 t
	100	60	200/200	10	12	12	12	8	1501	2 x 2,5 t
	125	85	200/200	10,7	14	12	14	10	2200	2 x 2,5 t
	150	85	200/200	10	14	12	14	10	2480	2 x 2,5 t
	175	115	200/200	10,6	15	12	15	12	3200	2 x 2,5 t
	200	115	200/200	10	15	12	15	12	3440	2 x 2,5 t
	225	135	200/200	10,7	17	12	17	15	4260	2 x 2,5 t
	250	135	200/200	10	17	12	17	15	4520	2 x 2,5 t
	275	160	200/200	10,7	19	12	19	20	5480	2 x 2,5 t
	300	160	200/200	10	19	12	19	20	5880	2 x 2,5 t
	325	185	200/200	10,7	24	12	24	24	8030	2 x 2,5 t
	350	185	200/200	10	24	12	24	24	8280	2 x 2,5 t
	375	200	200/200	14,7	29	12	29	29	11730	2 x 5 t
	400	230	200/200	12,9	29	12	29	29	12060	2 x 5 t
	425	200	200/200	12,4	29	12	29	29	12350	2 x 5 t
	450	200	200/200	12	29	12	29	29	12620	2 x 5 t
	475	200	200/200	15	35	14	35	49,5	18150	2 x 5 t
	500	200	200/200	14	35	14	35	49,5	18500	2 x 5 t

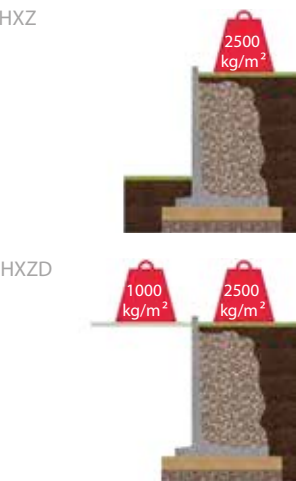
HXZ(D)



Detail edge finish
in mm



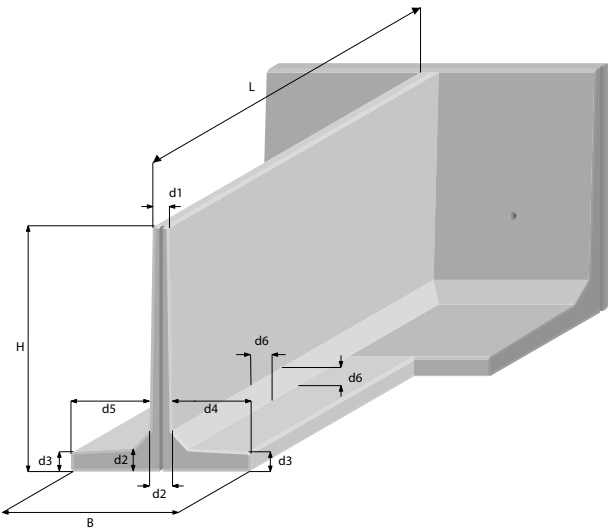
Tax schedule
Inclination angle of slope is max 35°



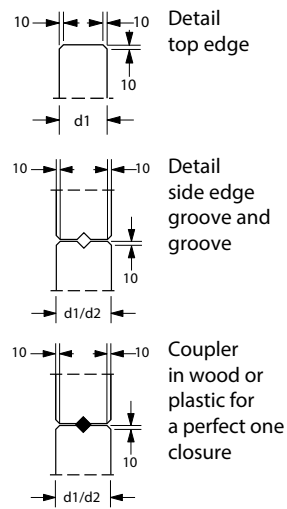
Type	Finish foot side	Finish back	Lifting facility see page 71	Connection	Type of concrete	Nuisance foot side	Load back	Structure
HXZ	industrial smooth	broomed / hand smooth silex / VBIONEN	DEHA	V-groove	C 55/67	2500 kg/m ²	0 kg/m ²	2-piece
HXZD	industrial smooth	broomed / hand smooth silex / VBIONEN	DEHA	V-groove	C 55/67	2500 kg/m ²	1000 kg/m ²	2-piece

Type	H cm	B cm	L x L cm	b1 cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	Weight kg/element	Lifting facility
HXZ(D)	50	55	200/200	20	10	10	12	12	8	1028	2 x 2,5 t
	75	80	200/200	20	10,5	12	12	12	8	1544	2 x 2,5 t
	100	80	200/200	20	10	12	12	12	8	1784	2 x 2,5 t
	125	105	200/200	20	10,7	14	12	14	10	2480	2 x 2,5 t
	150	105	200/200	20	10	14	12	14	10	2760	2 x 2,5 t
	175	135	200/200	20	10,6	15	12	15	12	3480	2 x 2,5 t
	200	135	200/200	20	10	15	12	15	12	3720	2 x 2,5 t
	225	165	200/200	30	10,7	17	12	17	15	4740	2 x 2,5 t
	250	165	200/200	30	10	17	12	17	15	5000	2 x 2,5 t
	275	190	200/200	30	10,7	19	12	19	20	5960	2 x 2,5 t
	300	190	200/200	30	10	19	12	19	20	6360	2 x 2,5 t
	325	215	200/200	30	11,2	24	12	24	24	8505	2 x 2,5 t
	350	215	200/200	30	10	24	12	24	24	8760	2 x 2,5 t
	375	230	200/200	30	14,7	29	12	29	29	12210	2 x 5 t
	400	230	200/200	30	12,9	29	12	29	29	12540	2 x 5 t
	425	230	200/200	30	12,4	29	12	29	29	12810	2 x 5 t
	450	230	200/200	30	12	29	12	29	29	13100	2 x 5 t
	475	230	200/200	30	15	35	12	29	49,5	18630	2 x 5 t
	500	230	200/200	30	14	35	14	35	49,5	18980	2 x 10 t

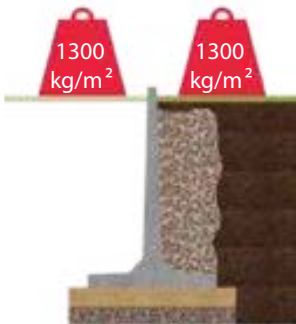
HTX(X)



Detail edge finish
in mm



Tax schedule
Inclination angle of slope is max 35°

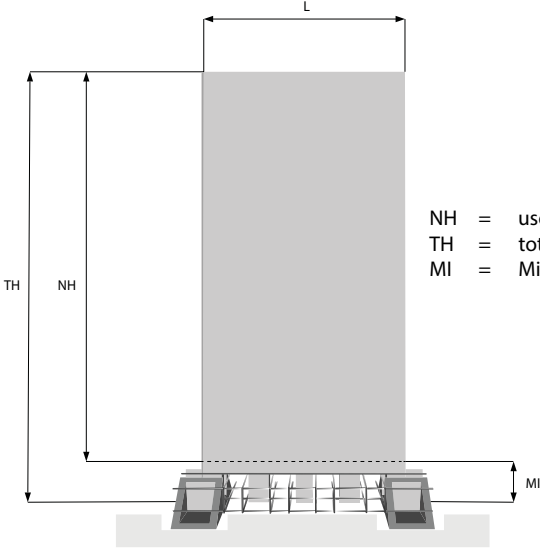


Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	Nuisance left	Nuisance right	Structure
HTX HTXX	industrial smooth	hand smooth	lifting clamp	V-groove	C 55/67	1300 kg/m ²	1300 kg/m ²	1-piece

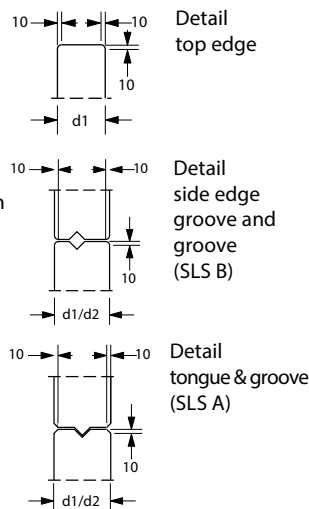
Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	d6 cm	Weight kg/element	Lifting facility
HTX	100	75	188	10	12	12	31,5	31,5	8	800	lifting clamp/on request
	150	110	188	10	14	12	48	48	10	1290	lifting clamp/on request
	200	140	188	10	15	12	62,5	62,5	12	1690	lifting clamp/on request
	250	170	188	10	17	12	76,5	76,5	15	2090	lifting clamp/on request
	300	200	188	10	19	12	90,5	90,5	20	2780	lifting clamp/on request

HTXX	100	75	388	10	12	12	31,5	31,5	8	1740	lifting clamp/on request
	150	110	388	10	14	12	48	48	10	2780	lifting clamp/on request
	200	140	388	10	15	12	62,5	62,5	12	3910	lifting clamp/on request
	250	170	388	10	17	12	76,5	76,5	15	5340	lifting clamp/on request

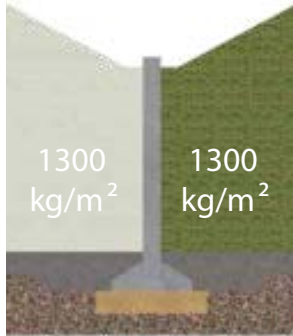
SLS



Detail edge finish
in mm

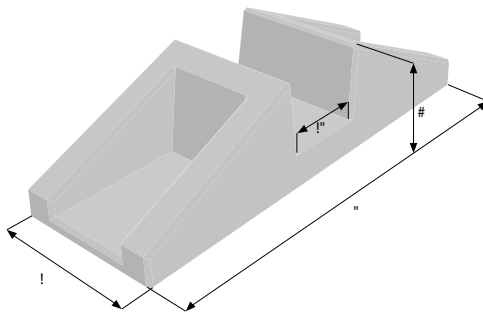


Tax schedule
Inclination angle of slope is max 35°



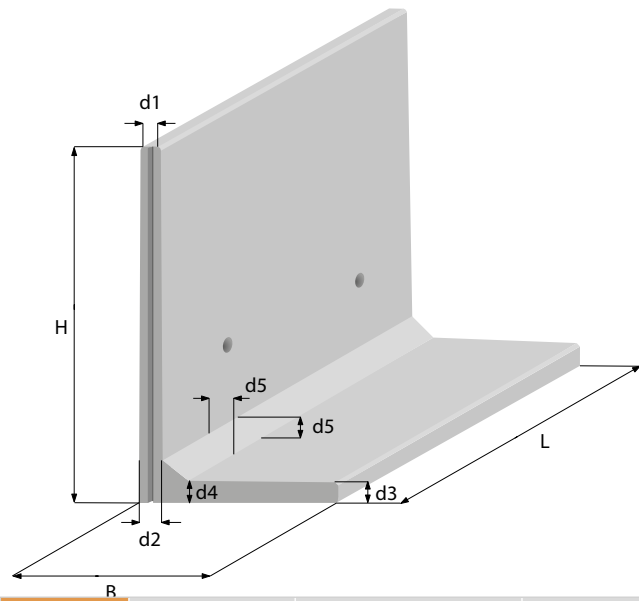
Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	Nuisance left	Nuisance right	Structure
SLS	industrial smooth	hand smooth	frimeda	groove/ clapper & groove	C 55/67	1300 kg/m ²	1300 kg/m ²	1-delig

Type	TH cm	NH cm	L cm	D cm	Weight kg/ element	MI cm	Lifting facility	Adjusting block
SLS A+B	275	250	240	16	2534	25	4 x frimeda 2,5 t	small
	225	200	300	14	2268	25	4 x frimeda 1,25 t	small
	180	155	300	14	1814	25	4 x frimeda 1,25 t	small
	145	120	300	14	1462	25	4 x frimeda 1,25 t	small

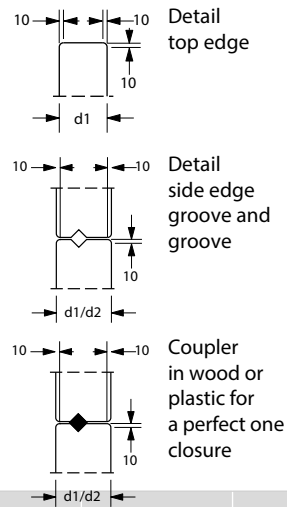


Type	H cm	B cm	L cm	d1 cm	Weight kg/element	Lifting facility
ADJUSTING BLOCK	30	40	120	21	144	1 x screw sleeve M16

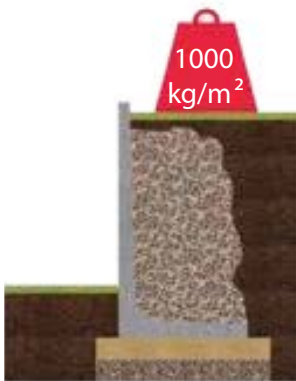
LGX(X)



Detail edge finish
in mm



Tax schedule
Inclination angle of slope is max 35°

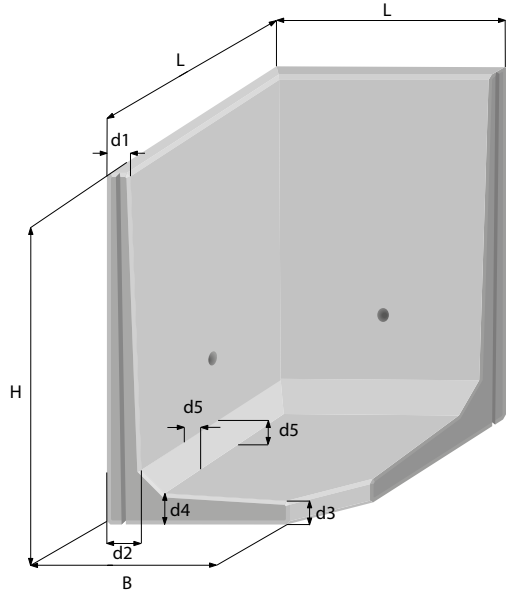


Type						Nuisance foot side	load back
LGX(X)	industrial smooth	industrial smooth	screw sleeve	V-groove	C 55/67	1000 kg/m²	0 kg/m²

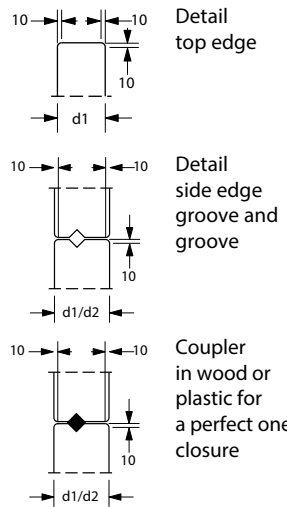
Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	Weight kg/element	Lifting facility
LGX	50	37	200	9	10	8	8	8	366	2 x M16
	75	49	200	9	10	8	8	8	534	2 x M16
	100	60	200	9	10	8	9	8	711	2 x M16
	125	73	200	9	10	8	9	10	896	2 x M16
	150	84	200	9	11	9	11	10	1154	2 x M16
	175	96	200	9	11	9	11	12	1352	2 x M16
	200	107	200	9	12,5	9	12,5	12	1641	2 x M16
	225	118	200	9	14	9	14	15	1978	2 x M24
	250	130	200	9	16	9	16	15	2372	2 x M24

LGXX	75	49	400	9	10	8	8	8	1068	2 x M16
	100	60	400	9	10	8	9	8	1423	2 x M16
	125	73	400	9	10	9	9	10	1800	2 x M16
	150	84	400	9	11	9	11	10	2308	2 x M16
	175	96	400	9	11	9	11	12	2704	2 x M24
	200	107	400	9	12,5	9	12,5	12	3283	2 x M24
	250	130	400	9	16	9	16	15	4744	2 x M24

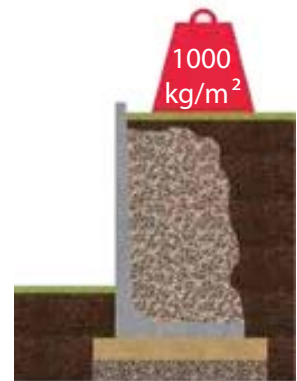
HGX



Detail edge finish
in mm



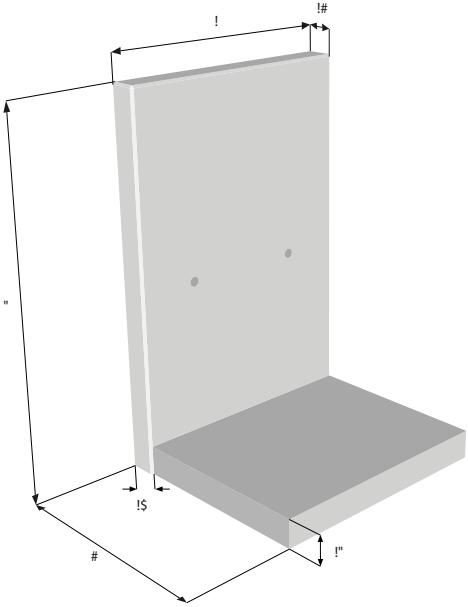
Tax schedule
Inclination angle of slope is max 35°



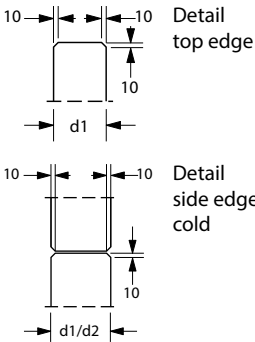
Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	Nuisance foot side	load back
HGX	industrial smooth	industrial smooth	screw sleeve	V-groove	C 55/67	1000 kg/m²	0 kg/m²

Type	H cm	B cm	L x L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	Weight kg/element	Lifting facility
HGX	50	37	100/100	9	10	8	8	8	408	2 x M16
	75	49	100/100	9	10	8	8	8	522	2 x M16
	100	60	100/100	9	10	8	9	8	646	2 x M16
	125	73	100/100	9	10	8	9	10	768	2 x M16
	150	84	100/100	9	11	9	11	10	945	2 x M16
	175	96	100/100	9	11	9	11	12	1075	2 x M16
	200	107	150/150	9	12,5	9	12,5	12	2143	2 x M24
	225	118	150/150	9	14	9	14	15	2516	2 x M24
	250	130	150/150	9	16	9	16	15	2938	2 x M24

AL(K)(X)(Z)



Detail edge finish
in mm



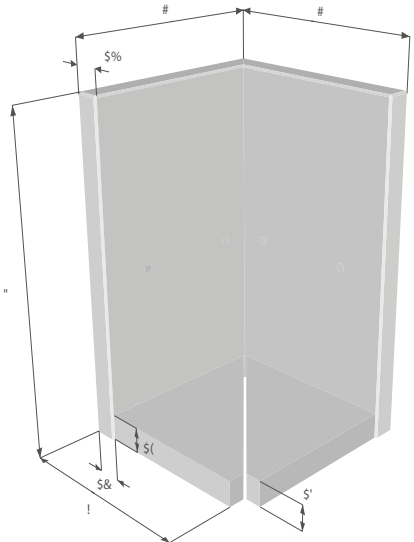
Tax schedule
Inclination angle of slope is max 35°
(45° at AL(K)(X)Z)



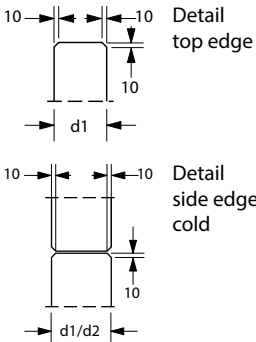
Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
AL(K)(X)	hand smooth	industrial smooth	DEHA	cold	C 55/67	1670 kg/m²	0 kg/m²
AL(K)(X)Z	hand smooth	industrial smooth	DEHA	cold	C 55/67	3333 kg/m²	0 kg/m²

Type	H cm	B cm K & X / Z	L cm K & KZ / X & XZ	d1 cm	d2 cm	d3 cm	Weight kg/element K / X / KZ / XZ	Lifting facility
AL(K)(X)(Z)	40	30 / 50	100/200	12	12	12	167 / 334 / 225 / 450	2 x 2,5 t
	55	40 / 60	100/200	12	12	12	240 / 480 / 297 / 594	2 x 2,5 t
	80	55 / 75	100/200	12	12	12	354 / 708 / 412 / 824	2 x 2,5 t
	105	70 / 90	100/200	12	12	12	470 / 940 / 527 / 1054	2 x 2,5 t
	130	80 / 105	100/200	12	12	12	570 / 1140 / 643 / 1286	2 x 2,5 t
	155	90 / 120	100/200	12	12	12	671 / 1342 / 758 / 1516	2 x 2,5 t
	180	100 / 135	100/200	12	15	15	879 / 1758 / 1005 / 2010	2 x 2,5 t
	205	120 / 150	100/200	12	15	15	1031 / 2062 / 1140 / 2280	2 x 2,5 t
	230	140 / 165	100/200	12	15	15	1185 / 2370 / 1275 / 2550	2 x 2,5 t
	255	150 / 180	100/200	12	20	20	1575 / 3150 / 1720 / 3440	3 x 2,5 t
	280	150 / 190	100/200	12	20	20	1670 / 3340 / 1863 / 3726	3 x 2,5 t
	305	160 / 205	100/200	12	20	20	1815 / 3630 / 2030 / 4060	3 x 2,5 t
	330	180 / 215	100/200	12	25	25	2350 / 4700 / 2559 / 5118	3 x 5 t
	355	205 / 230	100/200	12	25	25	2610 / 5220 / 2760 / 5520	3 x 5 t
	380	220 / 240	100/200	12	25	25	2811 / 5622 / 2930 / 5860	3 x 5 t
	405	220 / 250	100/200	12	25	25	2922 / 5844 / 3015 / 6030	3 x 5 t
	430	240 / -	100/200	12	25	25	3152 / 6304 / - / -	3 x 5 t
	455	240 / -	100/200	12	25	25	3264 / 6528 / - / -	3 x 5 t

AHK(X)



Detail edge finish
in mm



Tax schedule
Inclination angle of slope is max 35°

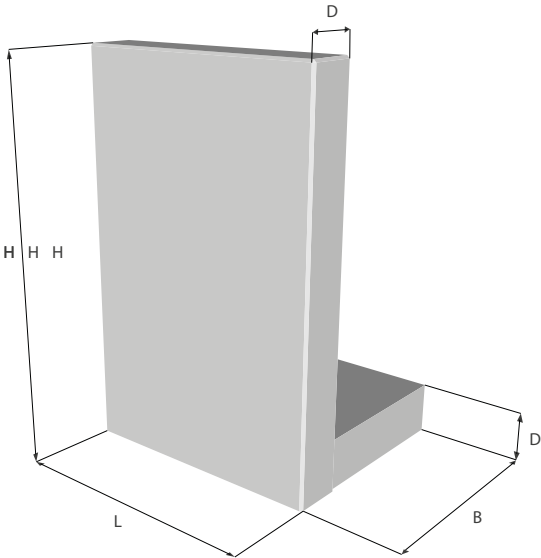


Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
AHK(X)	hand smooth	industrial smooth	DEHA	cold	C 55/67	1670 kg/m²	0 kg/m²

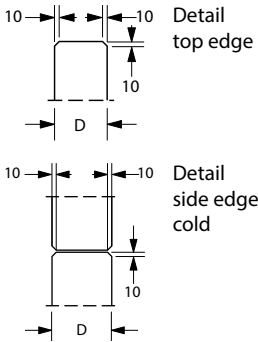
Type	H cm	B cm	L x L cm	d1 cm	d2 cm	d3 cm	d4 cm	Weight kg/element	Lifting facility
AHK	40	30	100/100	12	12	12	12	307	2 x 2,5 t
	55	40	100/100	12	12	12	12	420	2 x 2,5 t
	80	55	100/100	12	12	12	12	598	2 x 2,5 t
	105	70	100/100	12	12	12	12	766	2 x 2,5 t
	130	80	100/100	12	12	12	12	915	2 x 2,5 t
	155	90	100/100	12	12	12	12	1060	2 x 2,5 t
	180	100	100/100	12	15	15	15	1334	2 x 2,5 t
	205	100	100/100	12	15	15	15	1556	2 x 2,5 t
	230	100	100/100	12	15	15	15	1797	2 x 2,5 t
	255	100	100/100	12	20	20	20	2281	2 x 2,5 t

AHX	40	30	200/200	12	12	12	12	633	2 x 2,5 t
	55	40	200/200	12	12	12	12	899	2 x 2,5 t
	80	55	200/200	12	12	12	12	1306	2 x 2,5 t
	105	70	200/200	12	12	12	12	1706	2 x 2,5 t
	130	80	200/200	12	12	12	12	2056	2 x 2,5 t
	155	90	200/200	12	12	12	12	2402	2 x 2,5 t
	180	100	200/200	12	15	15	15	3092	2 x 2,5 t
	205	120	200/200	12	15	15	15	3618	2 x 2,5 t
	230	140	200/200	12	15	15	15	3993	2 x 2,5 t
	255	150	200/200	12	20	20	20	5143	3 x 2,5 t
	280	150	200/200	12	20	20	20	5495	3 x 2,5 t
	305	160	200/200	12	20	20	20	5910	3 x 2,5 t
	330	180	200/200	12	25	25	25	7382	3 x 2,5 t
	355	200	200/200	12	25	25	25	7772	3 x 2,5 t
	380	200	200/200	12	25	25	25	8202	3 x 2,5 t
	405	200	200/200	12	25	25	25	8928	3 x 2,5 t
	430	200	200/200	12	25	25	25	9600	3 x 2,5 t
	455	200	200/200	12	25	25	25	10030	3 x 5 t

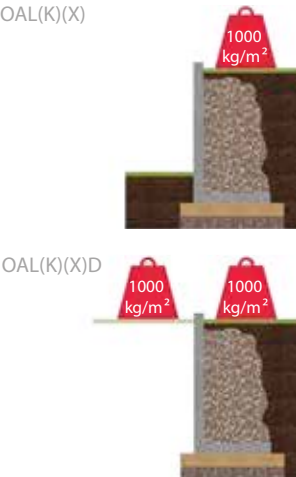
OAL(K)(X)(D)



Detail edge finish
in mm



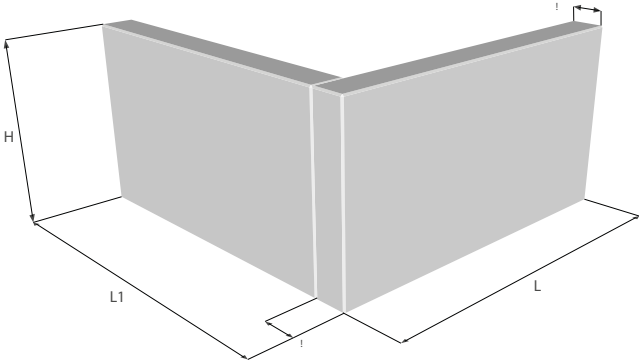
Tax schedule
Inclination angle of slope is max 35°



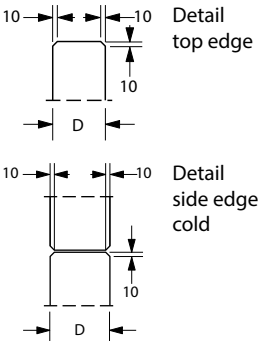
Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
OAL(K)(X)	hand smooth	industrial smooth	DEHA	cold	C 55/67	1000 kg/m²	0 kg/m²
OAL(K)(X)D	hand smooth	industrial smooth	DEHA	cold	C 55/67	1000 kg/m²	1000 kg/m²

Type	H cm	B cm	L cm K / X	D cm	Weight 20D K / X	Weight 25D K / X	Weight 30D K / X	lifting equip. 20D	lifting equip. 25D K / X	lifting equip. 30D K / X
OAL(K)(X)(D)	105	60	100/200	20/25/30	696/1392	840/1680	972/1944	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	130	85	100/200	20/25/30	936/1872	1140/2280	1332/2664	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	155	85	100/200	20/25/30	1056/2112	1290/2580	1512/3024	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	180	115	100/200	20/25/30	1320/2640	1620/3240	1908/3816	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	205	115	100/200	20/25/30	1440/2880	1770/3540	2088/4176	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	230	135	100/200	20/25/30	1656/3312	2040/4080	2412/4824	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	255	135	100/200	20/25/30	1776/3552	2190/4380	2592/5184	3 x 2,5 t	3 x 2,5 t	3 x 2,5 t / 5 t
	280	160	100/200	20/25/30	2016/4032	2490/4980	2952/5904	3 x 2,5 t	3 x 2,5 t / 5 t	3 x 2,5 t / 5 t
	305	160	100/200	20/25/30	2136/4272	2640/5280	3132/6264	3 x 2,5 t	3 x 2,5 t / 5 t	3 x 2,5 t / 5 t
	330	185	100/200	25/30		2940/5880	3492/6984		3 x 2,5 t / 5 t	3 x 2,5 t / 5 t
	355	185	100/200	25/30		3090/6180	3672/7344		3 x 2,5 t / 5 t	3 x 2,5 t / 5 t
	380	230	100/200	25/30		3510/7020	4176/8352		3 x 2,5 t / 5 t	3 x 2,5 t / 5 t
	405	230	100/200	25/30		3360/7320	4356/8712		3 x 2,5 t / 5 t	3 x 2,5 t / 5 t
	430	230	100/200	30			4536/9072			3 x 2,5 t / 5 t
	455	230	100/200	30			4716/9432			3 x 2,5 t / 5 t

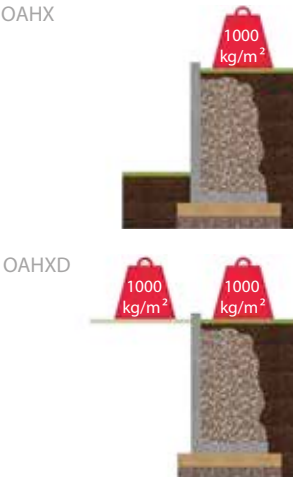
OAHX(D)



Detail edge finish
in mm



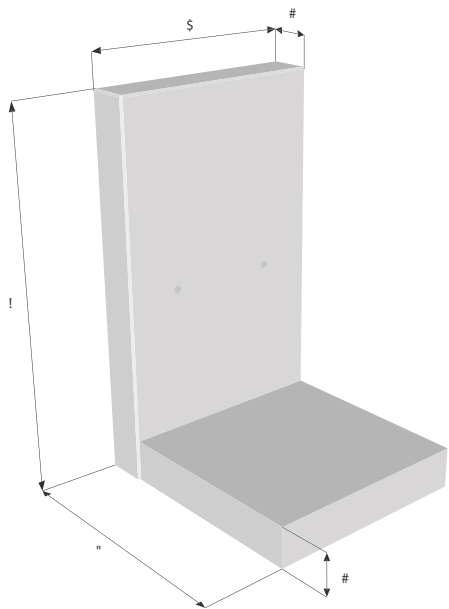
Tax schedule
Inclination angle of slope is max 35°



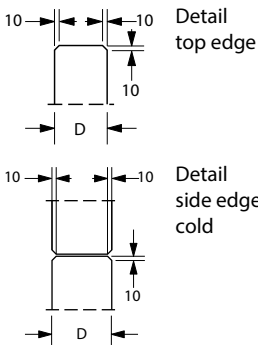
Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back	Construction angle
OAHX	hand smooth	industrial smooth	DEHA	cold	C 55/67	1000 kg/m²	0 kg/m²	2-delig
OAHXD	hand smooth	industrial smooth	DEHA	cold	C 55/67	1000 kg/m²	1000 kg/m²	2-delig

Type	H cm	B cm	L cm	L1 cm	D cm	Weight 20D	Weight 25D	Weight 30D	lifting equip. 20D	lifting equip. 25D	lifting equip. 30D
OAHX(D)	105	60	200	200 - D	20/25/30	2522	3016	3459	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	130	85	200	200 - D	20/25/30	3279	3955	4576	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	155	85	200	200 - D	20/25/30	3735	4517	5242	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	180	115	200	200 - D	20/25/30	4473	5432	6331	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	205	115	200	200 - D	20/25/30	4929	5995	6997	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	230	135	200	200 - D	20/25/30	5525	6733	7873	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	255	135	200	200 - D	20/25/30	5981	7295	8540	3 x 2,5 t	3 x 2,5 t	3 x 5 t
	280	160	200	200 - D	20/25/30	6559	8010	9387	3 x 2,5 t	3 x 5 t	3 x 5 t
	305	160	200	200 - D	20/25/30	7015	8572	10053	3 x 2,5 t	3 x 5 t	3 x 5 t
	330	185	200	200 - D	25/30		9211	10811		3 x 5 t	3 x 5 t
	355	185	200	200 - D	25/30		9773	11477		3 x 5 t	3 x 5 t
	380	200	200	200 - D	25/30		10346	12155		3 x 5 t	3 x 5 t
	405	200	200	200 - D	25/30		10908	12821		3 x 5 t	3 x 5 t
	430	200	200	200 - D	30			13487			3 x 5 t
	455	200	200	200 - D	30			14153			3 x 5 t

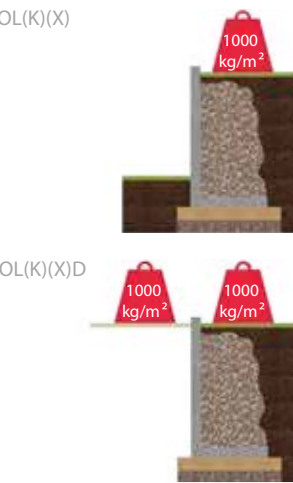
OL(K)(X)(D)



Detail edge finish
in mm



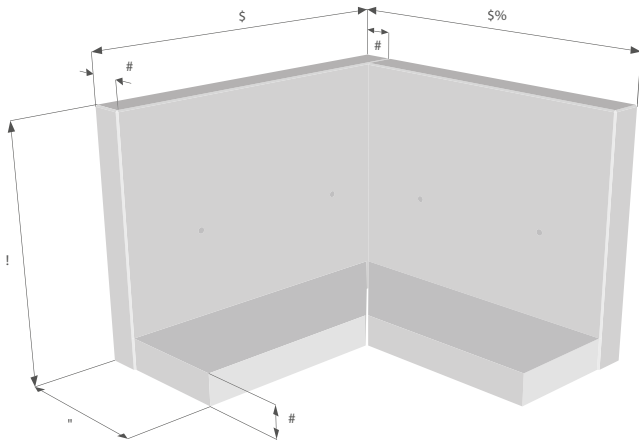
Tax schedule
Inclination angle of slope is max 35°



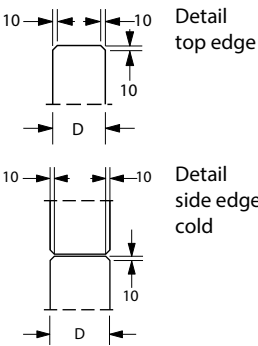
Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
OL(K)(X)	industrial smooth	broomed / hand smooth	DEHA	cold	C 55/67	1000 kg/m²	0 kg/m²
OL(K)(X)D	industrial smooth	broomed / hand smooth	DEHA	cold	C 55/67	1000 kg/m²	1000 kg/m²

Type	H cm	B cm	L cm	D cm	Weight 20D K / X	Weight 25D K / X	Weight 30D K / X	lifting equip. 20D	lifting equip. 25D	lifting equip. 30D
OL(K)(X)(D)	105	60	100/200	20/25/30	696/1392	840/1680	972/1944	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	130	85	100/200	20/25/30	936/1872	1140/2280	1332/2664	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	155	85	100/200	20/25/30	1056/2112	1290/2580	1512/3024	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	180	115	100/200	20/25/30	1320/2640	1620/3240	1908/3816	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	205	115	100/200	20/25/30	1440/2880	1770/3540	2088/4176	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	230	135	100/200	20/25/30	1656/3312	2040/4080	2412/4824	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	255	135	100/200	20/25/30	1776/3552	2190/4380	2592/5184	3 x 2,5 t	3 x 2,5 t	3 x 5 t
	280	160	100/200	20/25/30	2016/4032	2490/4980	2952/5904	3 x 2,5 t	3 x 5 t	3 x 5 t
	305	160	100/200	20/25/30	2136/4272	2640/5280	3132/6264	3 x 2,5 t	3 x 5 t	3 x 5 t
	330	185	100/200	25/30		2940/5880	3492/6984		3 x 5 t	3 x 5 t
	355	185	100/200	25/30		3090/6180	3672/7344		3 x 5 t	3 x 5 t
	380	230	100/200	25/30		3510/7020	4176/8352		3 x 5 t	3 x 5 t
	405	230	100/200	25/30		3360/7320	4356/8712		3 x 5 t	3 x 5 t
	430	230	100/200	30			4536/9072			3 x 5 t
	455	230	100/200	30			4716/9432			3 x 5 t

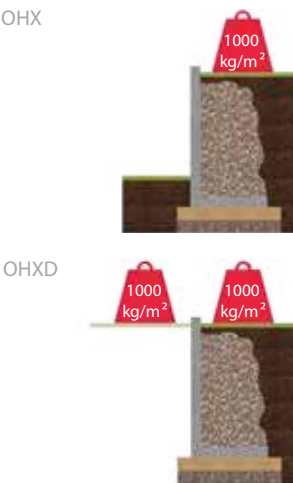
OHX(D)



Detail edge finish
in mm



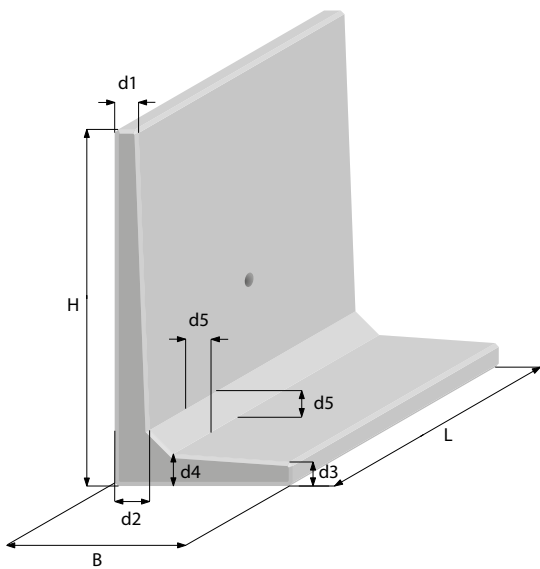
Tax schedule
Inclination angle of slope is max 35°



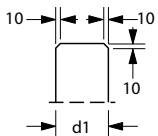
Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back	Construction angle
OHX	industrial smooth	broomed / hand smooth	DEHA	cold	C 55/67	1000 kg/m²	0 kg/m²	2-piece
OHXD	industrial smooth	broomed / hand smooth	DEHA	cold	C 55/67	1000 kg/m²	1000 kg/m²	2-piece

Type	H cm	B cm	L cm	L1 cm	D cm	Weight 20D	Weight 25D	Weight 30D	lifting equip. 20D	lifting equip. 25D	lifting equip. 30D
OHX(D)	105	60	200	200 - D	20/25/30	2784	3360	3888	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	130	85	200	200 - D	20/25/30	3744	4560	5328	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	155	85	200	200 - D	20/25/30	4224	5160	6048	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	180	115	200	200 - D	20/25/30	5280	6480	7632	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	205	115	200	200 - D	20/25/30	5760	7080	8352	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	230	135	200	200 - D	20/25/30	6624	8160	9648	2 x 2,5 t	2 x 2,5 t	2 x 2,5 t
	255	135	200	200 - D	20/25/30	7104	8760	10368	3 x 2,5 t	3 x 2,5 t	3 x 2,5 t
	280	160	200	200 - D	20/25/30	8064	9960	11808	3 x 2,5 t	3 x 5 t	3 x 5 t
	305	160	200	200 - D	20/25/30	8544	10560	12528	3 x 2,5 t	3 x 5 t	3 x 5 t
	330	185	200	200 - D	25/30		11760	13968		3 x 5 t	3 x 5 t
	355	185	200	200 - D	25/30		12360	14688		3 x 5 t	3 x 5 t
	380	200	200	200 - D	25/30		14040	16704		3 x 5 t	3 x 5 t
	405	200	200	200 - D	25/30		14640	17424		3 x 5 t	3 x 5 t
	430	200	200	200 - D	30			18144			3 x 5 t
	455	200	200	200 - D	30			18864			3 x 5 t

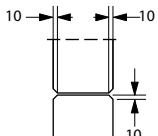
LKW(D) - LKWZ(D)



Detail edge finish
in mm



Detail top edge



Detail side edge cold

Tax schedule

Slope angle of slope is max 35° (LKW) - max 45° (LKWZ)

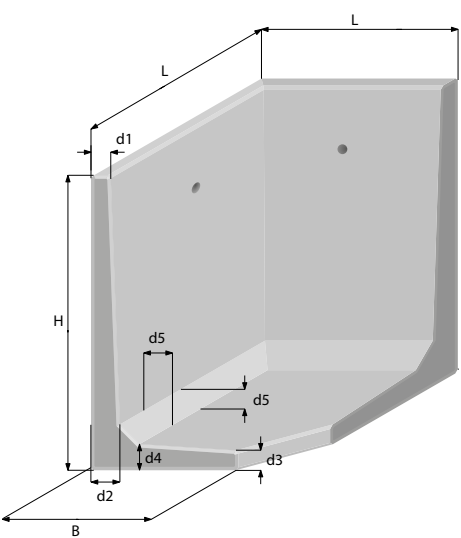


Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
LKW	industrieel glad	industrieel glad	DEHA	koud	C 55/67	1000 kg/m²	0 kg/m²
LKWZ	industrieel glad	industrieel glad	DEHA	koud	C 55/67	2500 kg/m²	0 kg/m²
LKWD	industrieel glad	industrieel glad	DEHA	koud	C 55/67	1000 kg/m²	1000 kg/m²
LKWZD	industrieel glad	industrieel glad	DEHA	koud	C 55/67	2500 kg/m²	1000 kg/m²

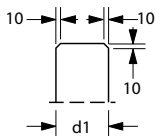
Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	Weight kg/element	Lifting facility
LKW(D)	50	35	100	8	12	8	12	8	190	1 x 2,5 t
	75	60	100	9	12	8	12	8	300	1 x 2,5 t
	100	60	100	8	12	8	12	8	360	1 x 2,5 t
	125	75	100	10,5	14,7	10	13,5	10	570	1 x 2,5 t
	150	75	100	10	14,7	10	13,5	10	620	1 x 2,5 t
	175	100	100	10,5	15,5	10	15	14	820	1 x 2,5 t
	200	100	100	10	15,5	10	15	14	880	1 x 2,5 t
	225	125	100	10,5	17	10	17	18	1220	1 x 2,5 t
	250	125	100	10	17,7	10	17	18	1300	1 x 2,5 t
	275	160	100	10,5	19	10	19	18	1580	1 x 2,5 t
	300	160	100	10	19	10	19	18	1640	1 x 2,5 t
	350	185	100	10	24	10	24	18	2340	1 x 2,5 t
	400	250	100	14	27	12	27	18	3360	1 x 5 t
	450	250	100	12	27	12	27	18	3500	1 x 5 t

LKWZ(D)	100	70	100	12	12	12	12	8	464	1 x 2,5 t
	125	100	100	12,5	14,7	12	13,5	10	681	1 x 2,5 t
	150	100	100	12	14,7	12	13,5	10	780	1 x 2,5 t
	175	125	100	12,5	15,5	12	15	14	932	1 x 2,5 t
	200	125	100	12	15,5	12	15	14	1080	1 x 2,5 t
	225	150	100	12,5	17	12	17	18	1380	1 x 2,5 t
LKWZD	250	150	100	12	17	12	17	18	1480	1 x 2,5 t

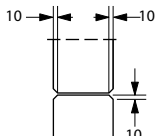
HKW(D) - HKWZ(D)



Detail edge finish
in mm



Detail top edge



Detail side edge cold

Tax schedule

Inclination angle of slope is max 35° (HKW) - max 45° (HKWZ)

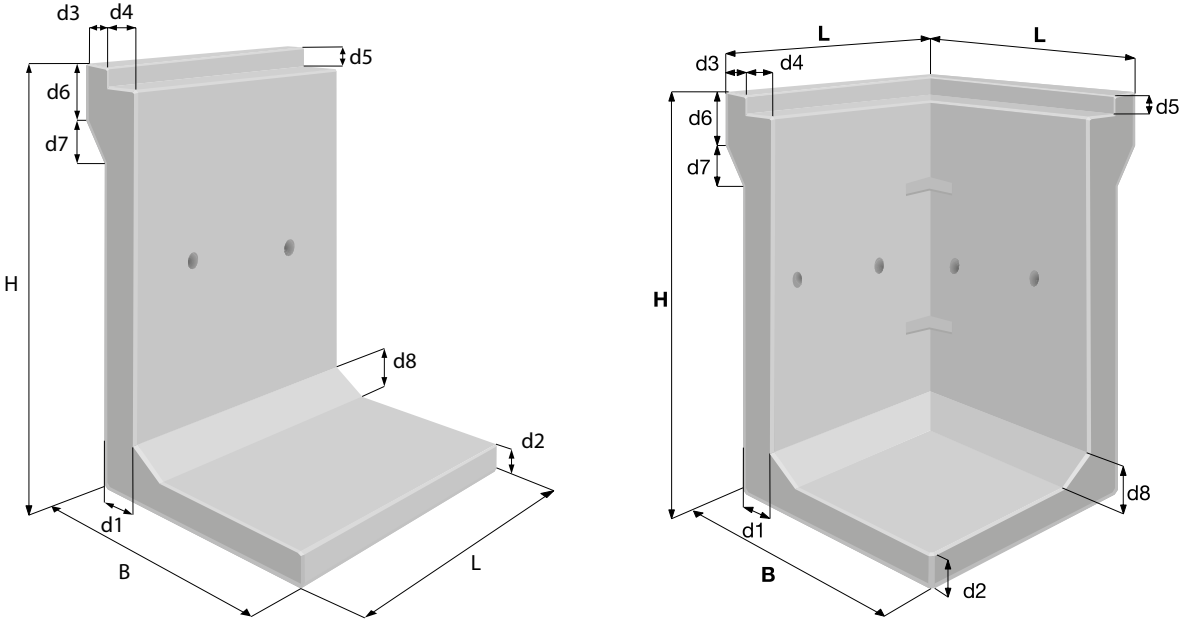


Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back	Structure
HKW	industrieel glad	1 zijde industrieel glad / 1 zijde handglad	schroefhuls of DEHA	koud	C 55/67	1000 kg/m²	0 kg/m²	1 deel
HKWZ	industrieel glad	1 zijde industrieel glad / 1 zijde handglad	schroefhuls of DEHA	koud	C 55/67	2500 kg/m²	0 kg/m²	1 deel
HKWD	industrieel glad	1 zijde industrieel glad / 1 zijde handglad	schroefhuls of DEHA	koud	C 55/67	1000 kg/m²	1000 kg/m²	1 deel
HKWZD	industrieel glad	1 zijde industrieel glad / 1 zijde handglad	schroefhuls of DEHA	koud	C 55/67	2500 kg/m²	1000 kg/m²	1 deel

Type	H cm	B cm	L x L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	Weight kg/element	Lifting facility
HKW(D)	75	60	100/100	9,25	12	8	12	8	565	2 x M16
	100	60	100/100	8	12	8	12	8	670	2 x M16
	125	75	100/100	10,5	14,7	10	13,3	10	980	2 x M16
	150	75	100/100	10	14,7	10	13,3	10	1100	2 x M16
	175	100	100/100	10,8	15,5	10	15	14	1400	2 x M16
	200	100	100/100	10	15,5	10	15	14	1520	2 x M16
	225	125	125/125	10,8	17	10	17	18	2440	2 x M24
	250	125	125/125	10	17	10	17	18	2660	2 x M24
	300	160	160/160	10	19	10	19	18	4460	2 x M24
	350	185	100/185	10	24	10	24	18	6680	5 x 5 t*
	400	250	100/250	14	27	13,6	27	18	8000	5 x 5 t*
	450	250	100/250	12	27	12	27	18	9000	5 x 5 t*

HKWZ(D)	100	70	100/100	12	12	12	12	8	719	2 x M16
	125	100	100/100	12,5	14,7	12	13,5	10	1042	2 x M16
	150	100	100/100	12	14,7	12	13,5	10	1198	2 x M16
	175	125	125/125	12,5	15,5	12	15	14	1937	2 x M16
	200	125	125/125	12	15,5	12	15	14	2160	2 x M16
	225	150	150/150	12,5	17	12	17	18	3148	2 x M24
	250	150	150/150	12	17	12	17	18	3304	2 x M24

PLATFORM BOARDS

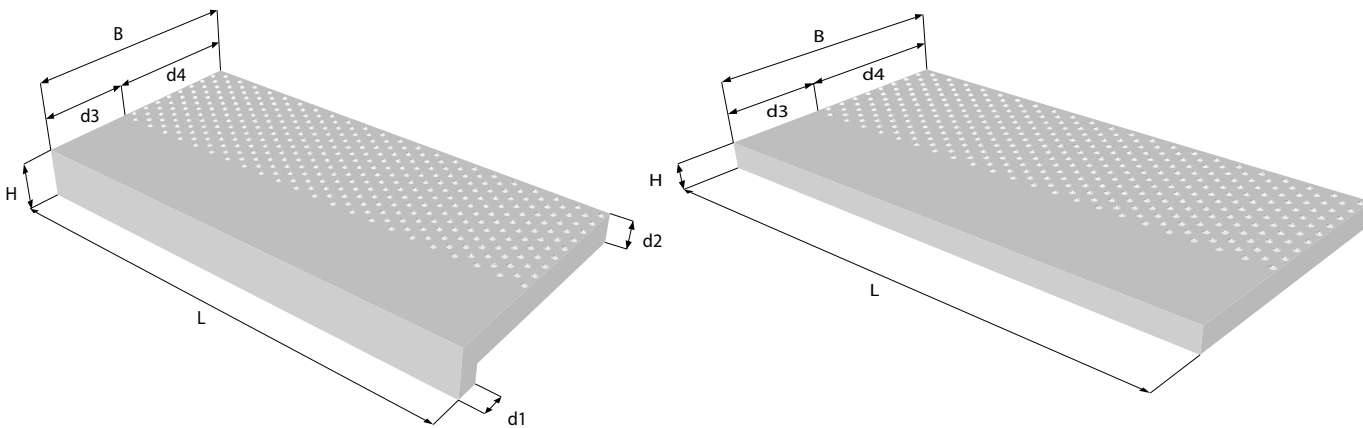


Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back	Structure
M95/96	hand smooth	industrial smooth	DEHA	cold	C55/67	1000kg/m²	0 kg/m²	/
M95/96 corner	hand smooth	industrial smooth	DEHA	cold	C55/67	1000kg/m²	0 kg/m²	2-piece

Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	d6 cm	d7 cm	d8 cm	Weight kg/element	Lifting facility
M95/96	118,2	82	100/200	12	12	14	5	7	18	12,5	1	605/1210	2 x 2,5 t
	138,2	82	100/200	12	12	14	5	7	18	12,5	1	663/1325	2 x 2,5 t

M95/96 corner	118,2	80	88/88	12	12	14	5	7	18	12,5	10	1065	4 x 2,5 t
	138,2	80	88/88	12	12	14	5	7	18	12,5	10	1170	4 x 2,5 t

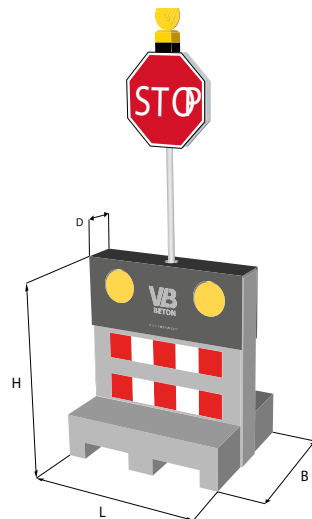
PLATFORM EDGES



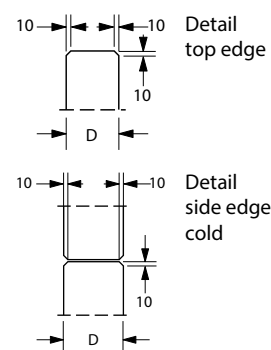
Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete
PR-NEUS	noppen / Industrieel glad	handglad	vacüüm hefsysteem	koud	C 30/37
PR-VLAK	noppen / Industrieel glad	handglad	vacüüm hefsysteem	koud	C 30/37

Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	Weight kg/element	Lifting facility
PR-NOSE	20	100	200	10	12	40	60	614	vacuum lifting system
PR-FLAT	12	100	200			40	60	576	vacuum lifting system

VBK



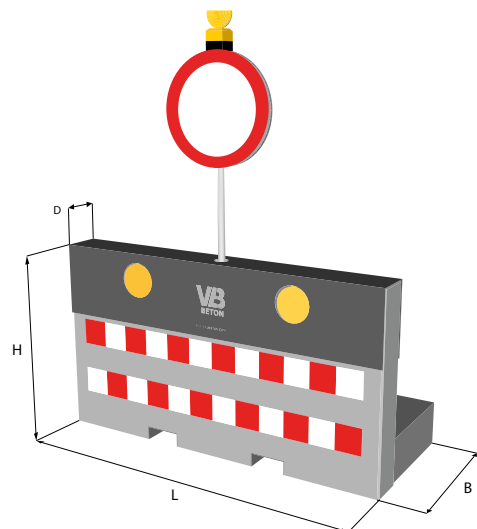
Detail edge finish
in mm



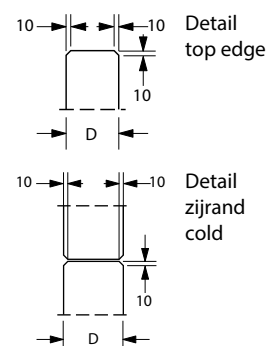
Type	H cm	B cm	L cm	d cm	Weight kg/element	Lifting facility
VBG	110	80	100	20	712	forklift

Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete
VBK	hand smooth	industrial smooth	forklift truck	Cold	C 55/67

VBG



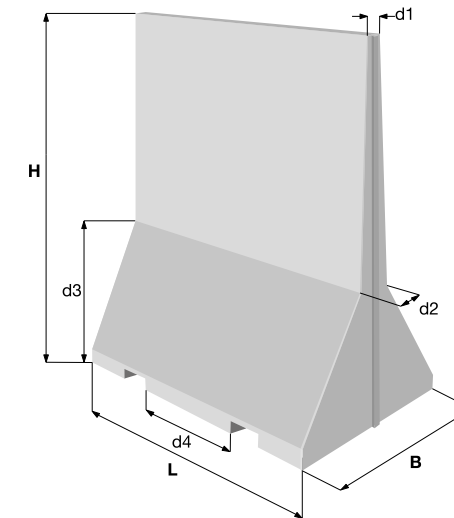
Detail edge finish
in mm



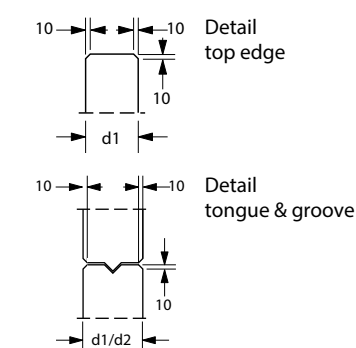
Type	H cm	B cm	L cm	d cm	Weight kg/element	Lifting facility
VBG	110	80	200	20	1696	forklift

Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete
VBG	hand smooth	industrial smooth	forklift truck	Cold	C 55/67

AX

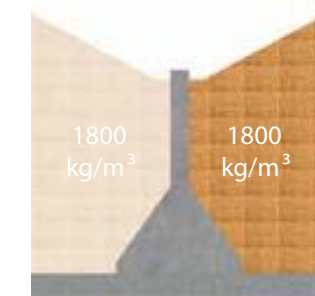


Detail edge finish
in mm



Tax schedule

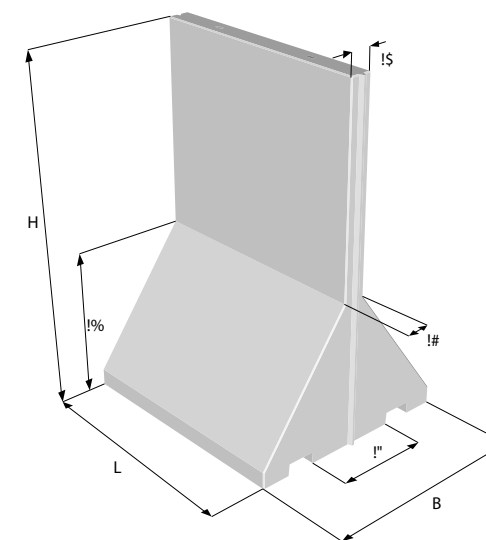
Hellingshoek talud is max 30°



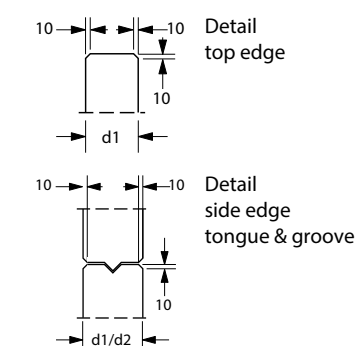
Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	Weight kg/element	Lifting facility
AX	150	70	200	14	19	70	80	2270	forklift / frimeda 1,25 t
	200	90	200	14	19	90	80	3465	forklift / frimeda 2,5 t
	250	110	200	14	22	100	80	4850	forklift / frimeda 2,5 t

Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
AX	industrial smooth	industrial smooth	forklift truck/ frimeda	tongue & groove	C 55/67	SG 1800kg/m³	SG 1800kg/m³

AXZ

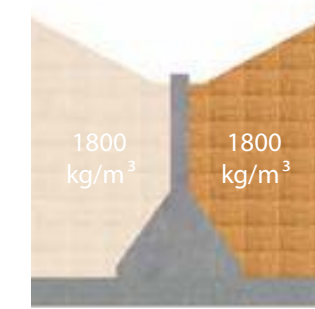


Detail edge finish
in mm



Tax schedule

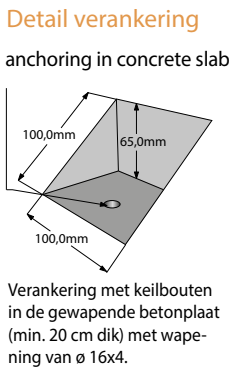
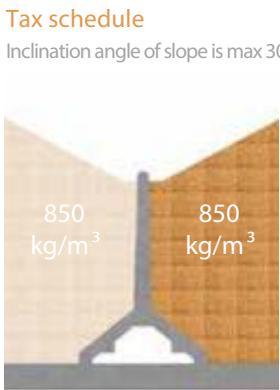
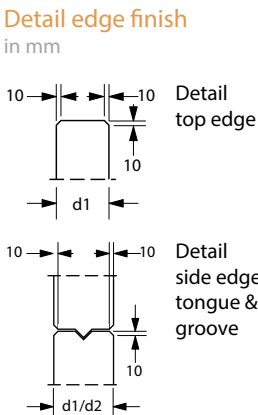
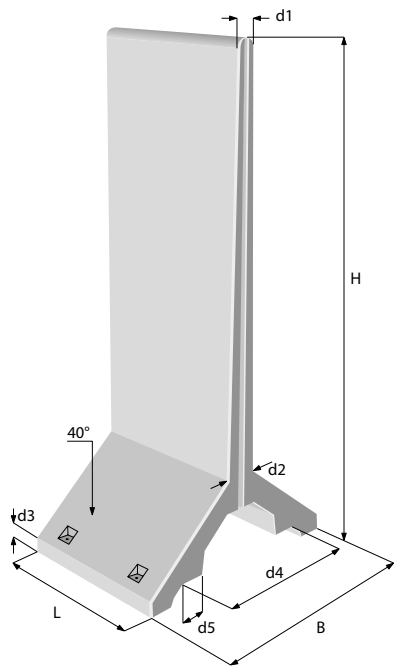
Hellingshoek talud is max 30°



Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	Weight kg/element	Lifting facility
AXZ	200	180	200	19	19	125	80	6970	forklift / frimeda 5 t
	250	180	200	19	19	125	80	7425	forklift / frimeda 5 t
	300	180	200	19	19	125	80	7875	forklift / frimeda 5 t
	350	180	200	19	19	125	80	8335	forklift / frimeda 5 t
	400	180	200	19	19	125	80	8790	forklift / frimeda 5 t

Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
AXZ	industrial smooth	industrial smooth	forklift truck/ frimeda	tongue & groove	C 55/67	SG 1800kg/m³	SG 1800kg/m³

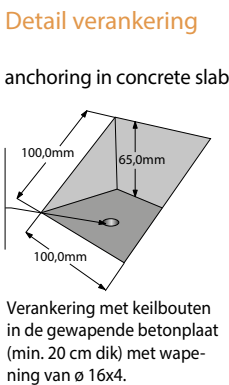
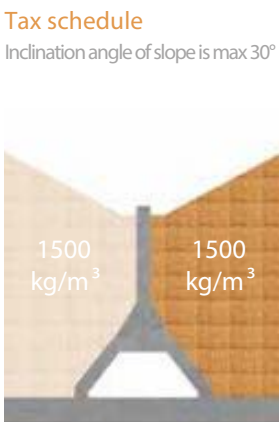
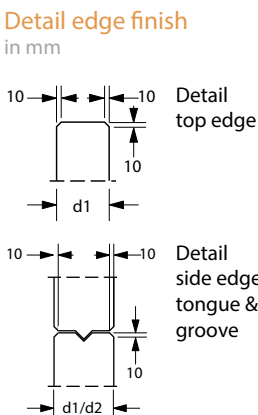
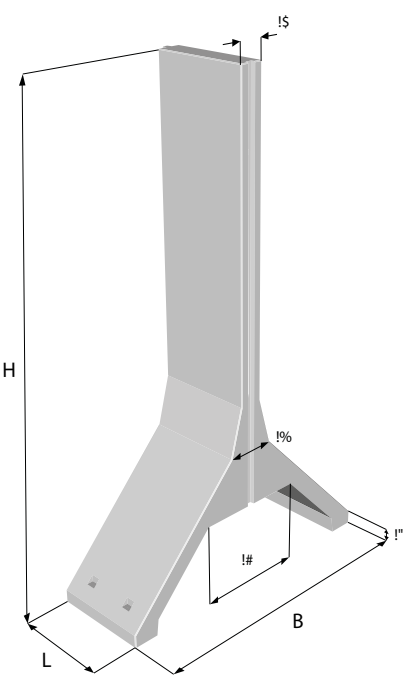
GKT



Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	Weight kg/element	Lifting facility
GKT	200	140	100	12	20	10	92	15	126	forklift truck
	300	140	100	12	20	10	92	15	1605	forklift truck
	400	150	100	12	20	10	110	15	2110	forklift truck

Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
GKT	industrial smooth	industrial smooth	forklift truck	tongue & groove	C 55/67	SG tot 850 kg/m ³	SG tot 850 kg/m ³

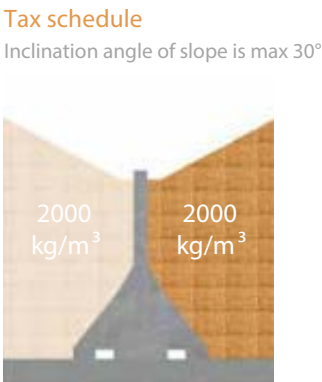
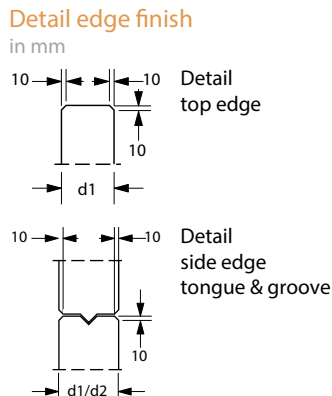
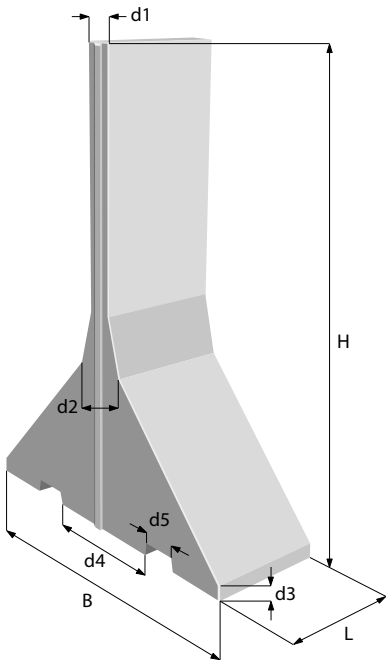
HKT



Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	Weight kg/element	Lifting facility
HKT	300	265	100	19	50	13	110	2750	forklift truck
	400	265	100	19	50	13	110	3250	forklift truck
	500	295	100	24	50	13	110	4225	forklift truck
	600	295	100	24	50	13	110	4825	forklift truck

Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
HKT	industrial smooth	industrial smooth	forklift truck	tongue & groove	C 55/67	SG tot 1500 kg/m ³	SG tot 1500 kg/m ³

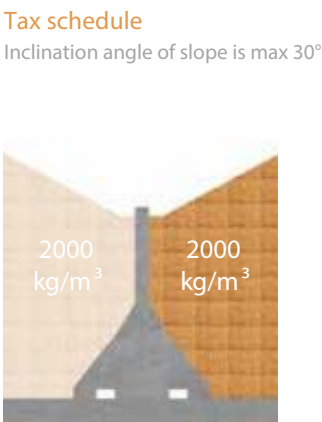
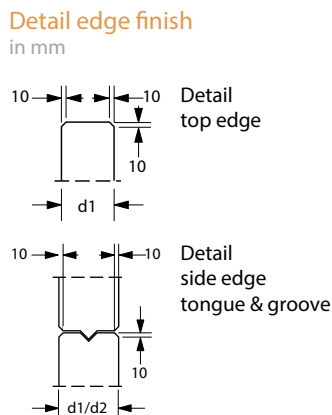
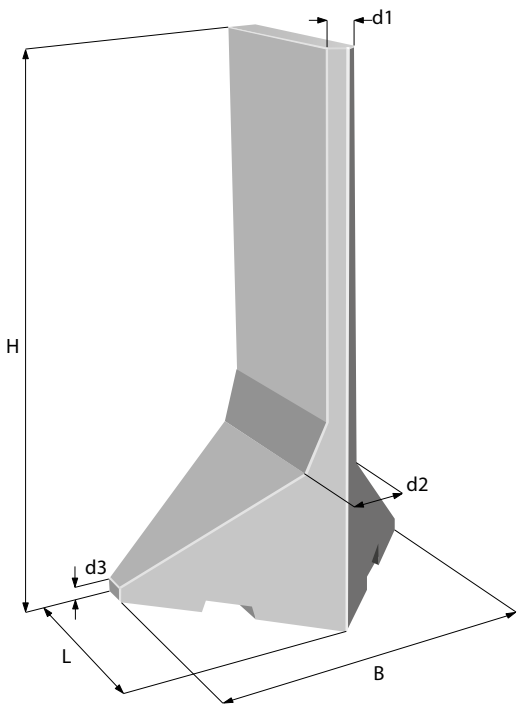
HKZT



Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	Weight kg/element	Lifting facility
HKZT	300	265	100	19	50	13	115	30	5900	forklift truck
	400	265	100	19	50	13	115	30	6400	forklift truck
	500	298,5	100	24	57	13	113,5	31	9500	forklift truck
	600	298,5	100	24	57	13	113,5	31	10000	forklift truck

Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
HKZT	industrial smooth	industrial smooth	forklift truck	tongue & groove	C 55/67	SG tot 2000 kg/m ³	SG tot 2000 kg/m ³

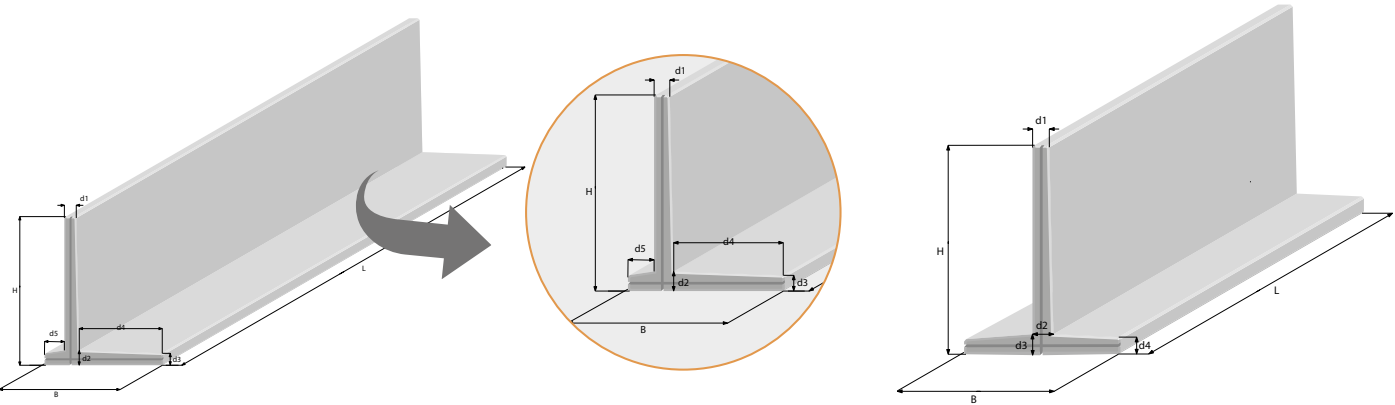
HKZH



Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	Weight kg/element	Lifting facility
HKZH	300	265	170	19	50	13	6575	forklift truck
	400	265	170	19	50	13	7075	forklift truck
	500	298,5	170	24	57	13	9150	forklift truck
	600	298,5	170	24	57	13	9625	forklift truck

Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back	Structure
HKZH	industrial smooth	industrial smooth	forklift truck	tongue & groove	C 55/6	SG tot 2000 kg/m ³	SG tot 2000 kg/m ³	2-piece

STXX(X)(V)(D) / TSTXX



Detail
in mm

Detail top edge

Coupler in wood or plastic for a perfect closure

Tax schedule
Inclination angle of slope foot side is max 45° - Inclination angle of slope back side STXX(X)D is max 35° (28° for maize)

STXX(X)

TSTXX

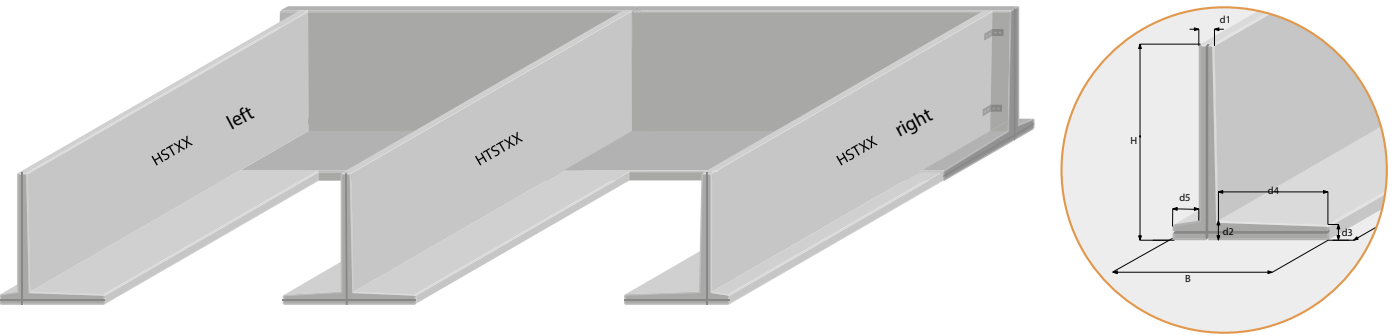
STXX(X)D

Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
STXX(X)	industrial smooth	industrial smooth	lifting clamp	V-groove	C 55/67	2500 kg/m ²	0 kg/m ²
STXX(X)D	industrial smooth	industrial smooth	lifting clamp	V-groove	C 55/67	2500 kg/m ²	1000 kg/m ²
TSTXX	industrial smooth	industrial smooth	lifting clamp	V-groove	C 55/67	2500 kg/m ²	2500 kg/m ²

Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	Weight kg/element	Lifting facility
STXX(D)	100	93	400	12	13	12	60	20	2166	lifting clamp/on request*
	125	118	400	12	13	12	85	20	2800	lifting clamp/on request*
	150	120	400	12	15	12	85	20	3420	lifting clamp/on request*
	175	160	400	12	15	12	115	30	4300	lifting clamp/on request*
	200	171	400	12	16	12	115	40	4910	lifting clamp/on request*
	250	195	400	12	20	12	135	40	6650	lifting clamp/on request*
STXv(D)	300	215	250	12	20	12	155	40	4791	lifting clamp/on request*
STXXX(D)	150	120	600	12	15	12	85	20	5040	lifting clamp/on request*
TSTXX	150	120	400	12	15	15	12		3460	lifting clamp/on request*
	200	150	400	12	16	16	12		4700	lifting clamp/on request*
	250	170	400	12	18	18	12		6200	lifting clamp/on request*

*On request, the necessary ball head anchors can be provided.

H(T)STXX(X)(D)



Detail
in mm

Detail top edge

Coupler in wood or plastic for a perfect closure

Tax schedule
Inclination angle of slope on foot side is max 45° - Inclination angle of slope on back side HSTXX(X)D is max 35° (28° for maize)

HSTXX(X)

HTSTXX

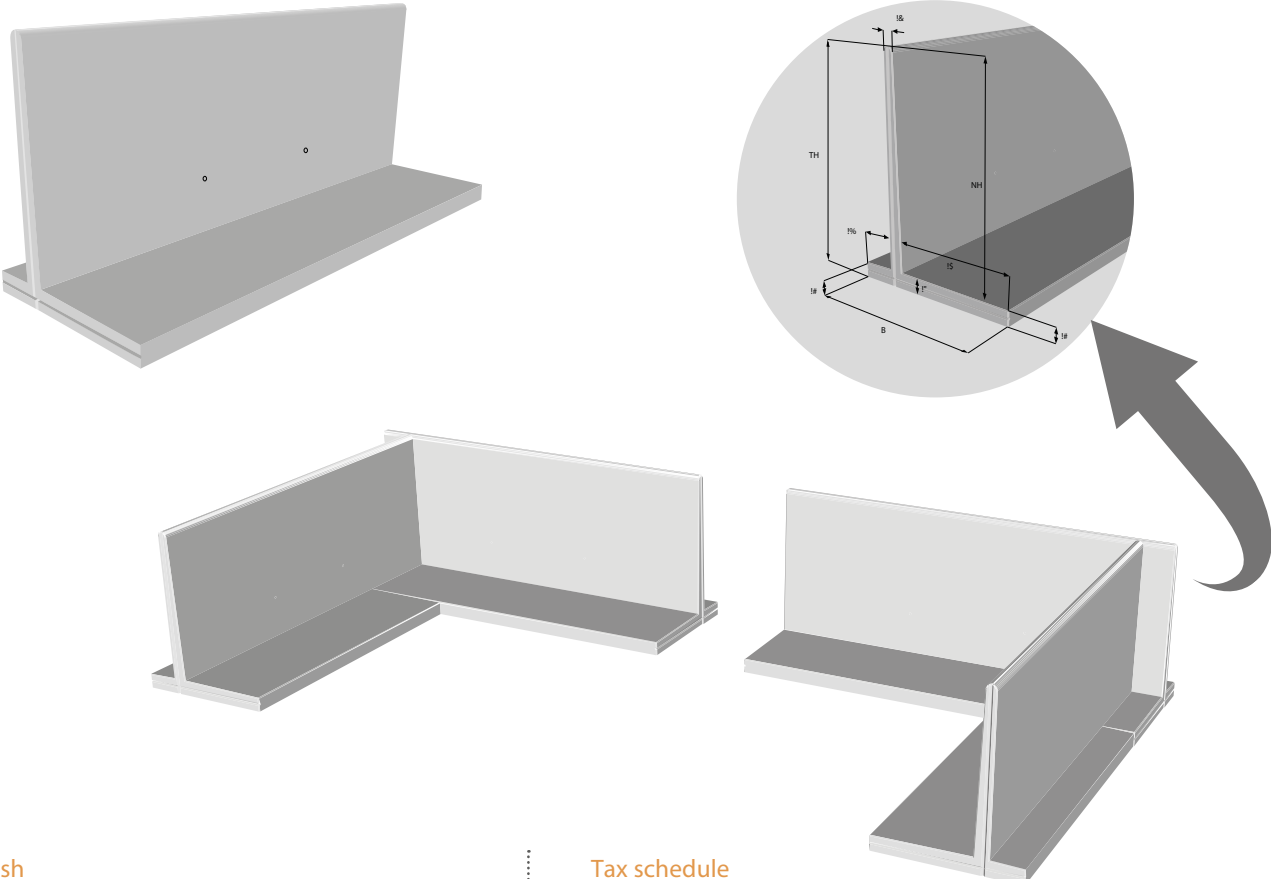
HSTXX(X)D

Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back	Structure
HSTXX(X)	industrial smooth	industrial smooth	lifting clamp	V-groove	C 55/67	2500 kg/m ²	0 kg/m ²	1-piece
HSTXX(X)D	industrial smooth	industrial smooth	lifting clamp	V-groove	C 55/67	2500 kg/m ²	1000 kg/m ²	1-piece
HTSTXX	industrial smooth	industrial smooth	lifting clamp	V-groove	C 55/67	2500 kg/m ²	2500 kg/m ²	1-piece

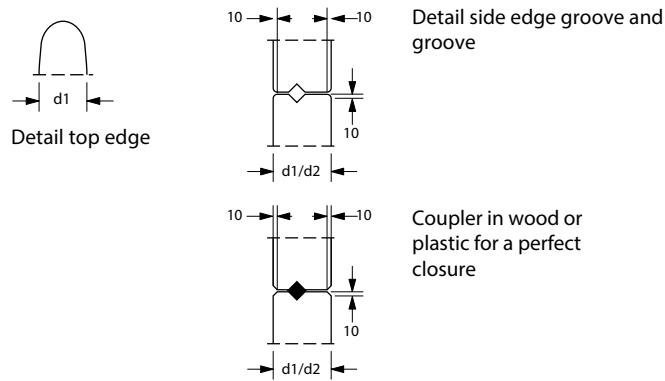
Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	Weight kg/element	Lifting facility
HSTXX(D)	100	93	388	12	13	12	60	20	2005	lifting clamp/on request*
	125	118	388	12	13	12	85	20	2470	lifting clamp/on request*
	150	120	388	12	15	12	85	20	3030	lifting clamp/on request*
	175	160	388	12	15	12	115	30	3637	lifting clamp/on request*
	200	171	388	12	16	12	115	40	4232	lifting clamp/on request*
	250	195	388	12	20	12	135	40	5831	lifting clamp/on request*
HSTXX(X)D	150	120	588	12	15	12	85	20	4692	lifting clamp/on request*
HTSTXX	150	120	388	12	15	12	52,5	52,5	3460	lifting clamp/on request*
	200	150	388	12	16	12	67	67	4700	lifting clamp/on request*
	250	170	388	12	18	12	76	76	6200	lifting clamp/on request*

*On request, the necessary ball head anchors can be provided.

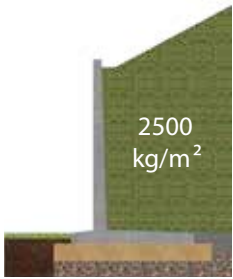
SLGXX / HSLGXX



Detail edge finish
in mm



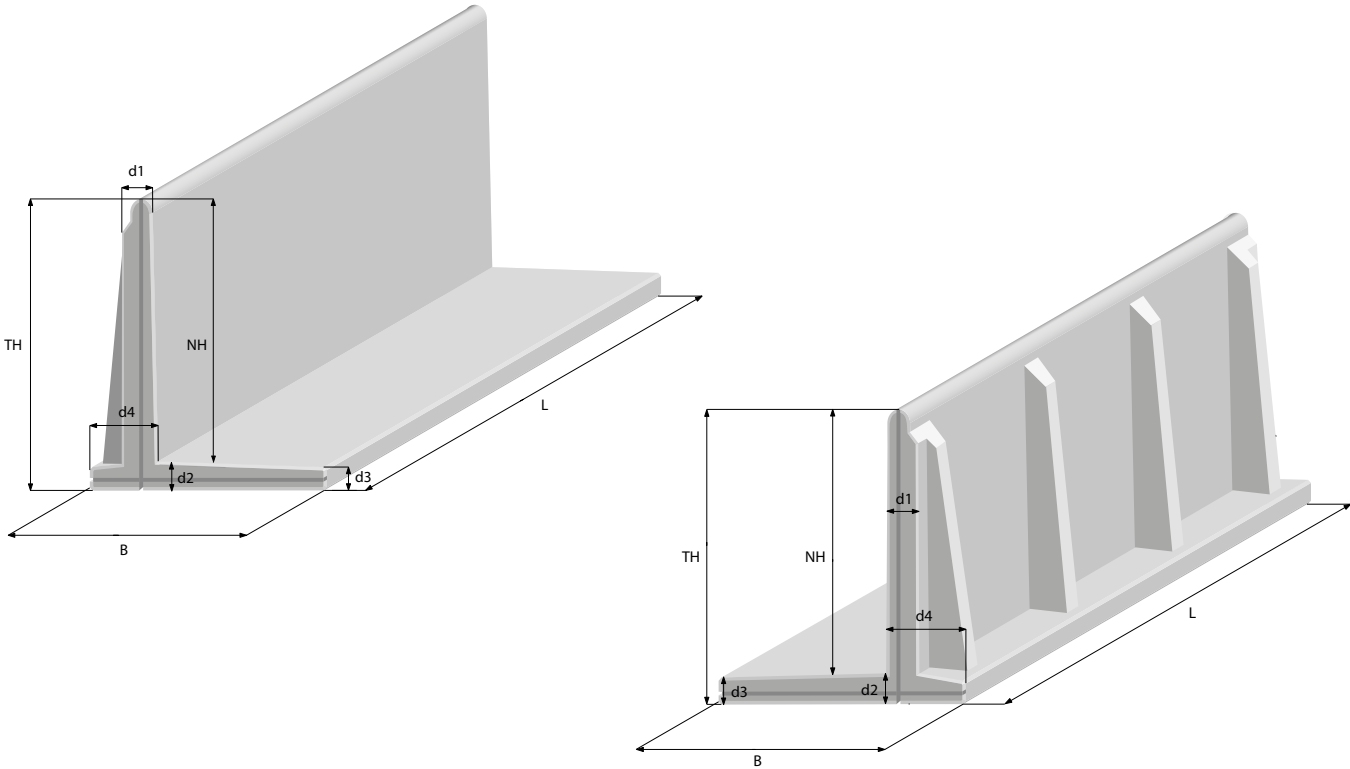
Tax schedule
Inclination angle of slope is max 45° (28° for maize)



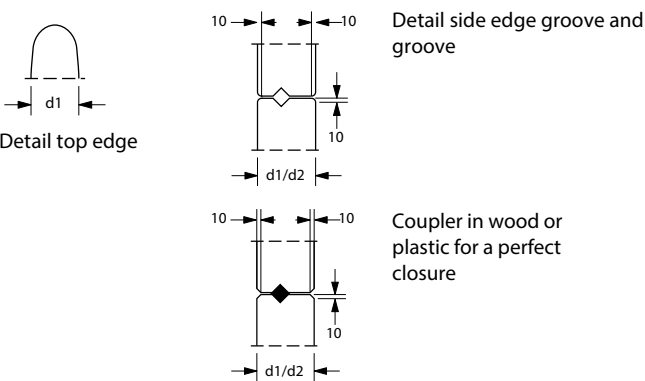
Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back	Structure
SLGXX	industrial smooth	industrial smooth	screw sleeve	V-groove	C 55/67	2500 kg/m²	0 kg/m²	1-delig
HSLGXX	industrial smooth	industrial smooth	screw sleeve	V-groove	C 55/67	2500 kg/m²	0 kg/m²	1-delig

Type	NH cm	TH cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	Weight kg/element	Lifting facility
SLGXX	150	165	134	400	10	15	14	90	30	3580	2 x M30
	200	215	161	400	10	15	14	117	30	4530	2 x M30
HSLGXX	150	165	134	400	10	15	14	90	30	3580	2 x M30
	200	215	161	400	10	15	14	117	30	4530	2 x M30

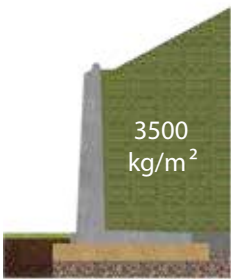
VBLX(X)(V)



Detail edge finish
in mm



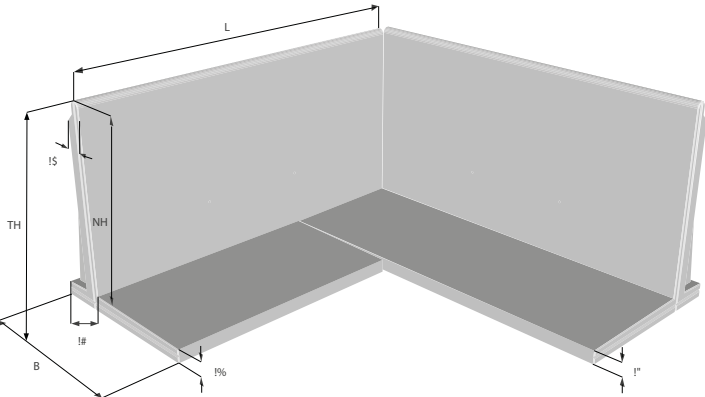
Tax schedule
Inclination angle of slope is max 45° (28° for maize)



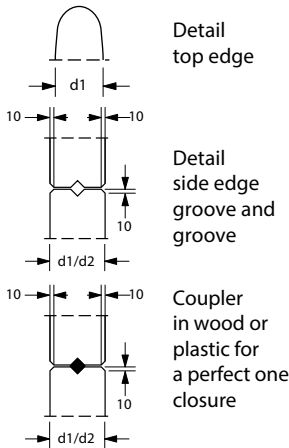
Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
VBLXX VBLXv	industrial smooth	industrial smooth	screw sleeve	V-groove	C 55/67	3500 kg/m²	0 kg/m²

Type	NH cm	TH cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	Weight kg/element	Lifting facility see p. 71	Back reinforcement
VBLXX	150	166	162	400	20	16	14	52	4580	2 x M30	Yes
	200	216	187	400	20	16	14	52	5750	2 x M30	Yes
	250	267	212	400	20	17	14	52	7200	2 x M30	Yes
VBLXv	300	318	240	250	20	18	14	52	5665	2 x M30	Yes

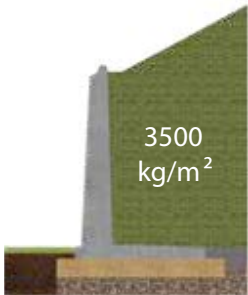
VBHLXX



Detail edge finish
in mm



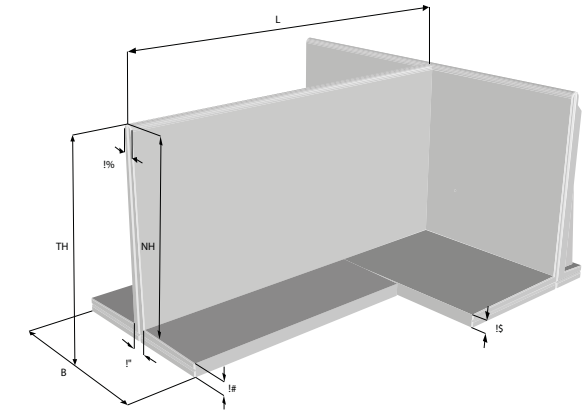
Tax schedule
Inclination angle of slope foot side is
max 45° (28° with maize)



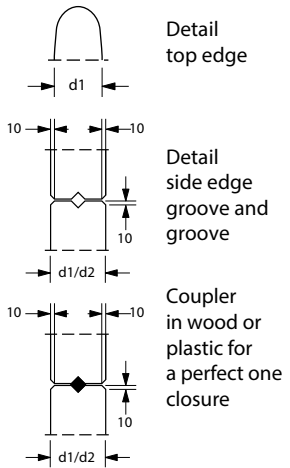
Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
VBHLXX	industrial smooth	industrial smooth	screw sleeve	V-groove	C 55/67	3500 kg/m ²	0 kg/m ²

Type	NH cm	TH cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	Weight kg/element	Lifting facility see p. 71	Back reinforcement
VBHLXX	150	166	162	400	20	16	14	52	4200	2 x M30	Yes
	200	216	187	400	20	16	14	52	5400	2 x M30	Yes
	250	267	212	400	20	17	14	52	6340	2 x M30	Yes

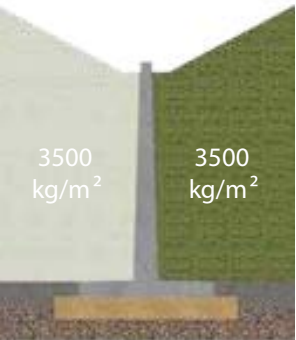
VBHTXX



Detail edge finish
in mm



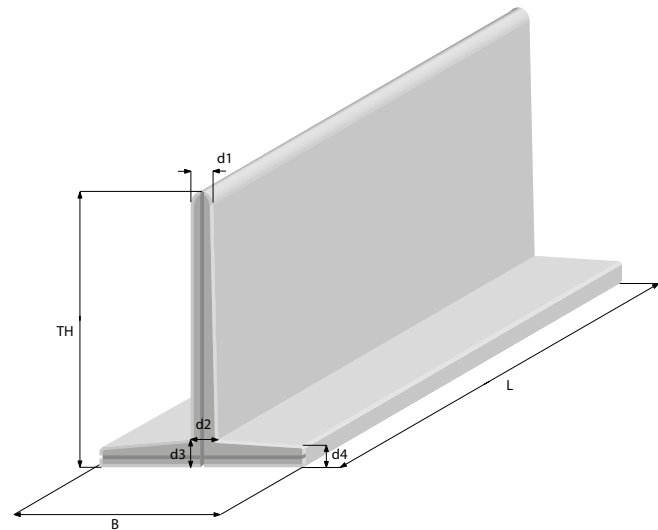
Tax schedule
Inclination angle of slope foot side is
max 45° (28° with maize)



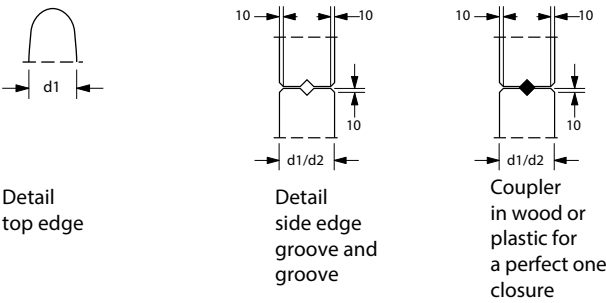
Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
VBHTXX	industrial smooth	industrial smooth	lifting clamp	V-groef	C 55/67	3500 kg/m ²	3500 kg/m ²

Type	NH cm	TH cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	Weight kg/element	Lifting facility
VBHTXX	150	166	135	388	12	16	16	14	3400	lifting clamp/on request*
	200	216	180	388	12	18	16	14	4880	lifting clamp/on request*
	250	267	205	388	12	20	17	14	5900	lifting clamp/on request*

VBTX(X)(V)

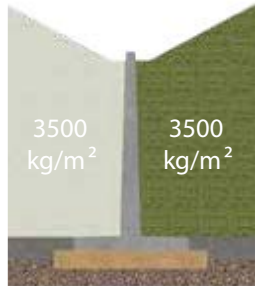


Detail edge finish
in mm



Tax schedule

Inclination angle of slope foot side is max 45° (28° with maize)



Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
VBTXX VBTVv	industrial smooth	industrial smooth	lifting clamp	V-groef	C 55/67	3500 kg/m ²	3500 kg/m ²

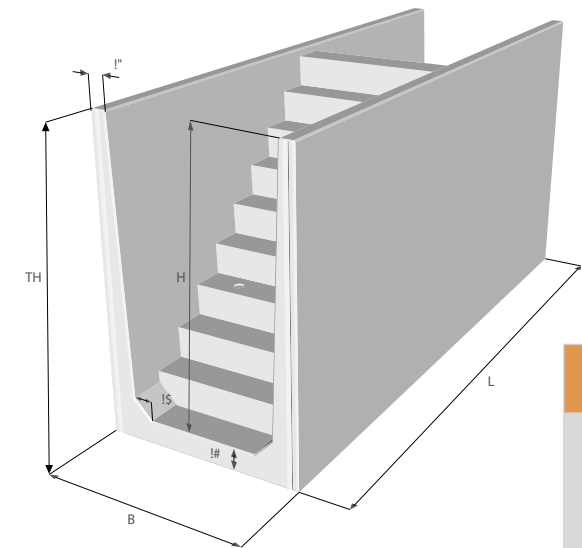
Type	NH cm	TH cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	Weight kg/element	Lifting facility
VBTXX	150	166	135	400	12	16	16	14	3900	lifting clamp/on request*
	200	216	180	400	12	18	16	14	5600	lifting clamp/on request*
	250	267	205	400	12	20	17	14	7000	lifting clamp/on request*
	300	318	230	400	12	20	18	14	8139	lifting clamp/on request*
VBTVv	300	318	230	250	12	20	18	14	5300	lifting clamp/on request*

*Op aanvraag kunnen de nodige kogelkopankers voorzien worden.

UX / UXK

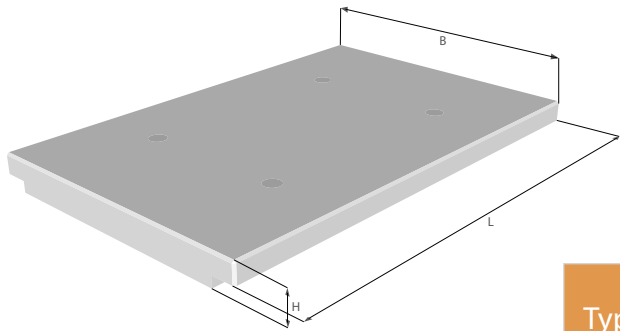


UX STEPS



Type	Hoort bij	H cm	Tredes	Weight kg/element	Lifting facility
TRPUX	UX150	60	3	426	4 x M16
	UX150	120	6	958	4 x M16
	UX200	100	5	760	4 x M16
	UX200	180	9	1489	4 x M16
	UX250	160	8	1534	4 x M16
	UX250	220	11	2197	4 x M16
	UX300	200	10	1920	4 x M16
	UX300	280	14	2727	4 x M16

UX LID



Type	Hoort bij	H cm	L cm	B cm	Weight lid thickness 14cm	Weight lid thickness 20 cm	Lifting facility
UXLID	UX100	14 / 20	200	130	873	1248	4 x 2,5 t
	UX150	14 / 20	200	130	873	1248	4 x 2,5 t
	UX200	14 / 20	200	130	873	1248	4 x 2,5 t
	UX250	14 / 20	200	150	1008	1440	4 x 2,5 t
	UX300	14 / 20	200	150	1008	1440	4 x 2,5 t

UXXLID	UXX150	14 / 20	400	130	1746	2496	4 x 2,5 t
	UXX200	14 / 20	400	130	1746	2496	4 x 2,5 t

UXKLID	UXK100	14 / 20	200	130	873	1248	4 x 2,5 t
	UXK150	14 / 20	200	130	873	1248	4 x 2,5 t
	UXK200	14 / 20	200	130	873	1248	4 x 2,5 t
	UXK250	14 / 20	200	150	1008	1440	4 x 2,5 t
	UXK300	14 / 20	200	150	1008	1440	4 x 2,5 t

Tax schedule
UX LID

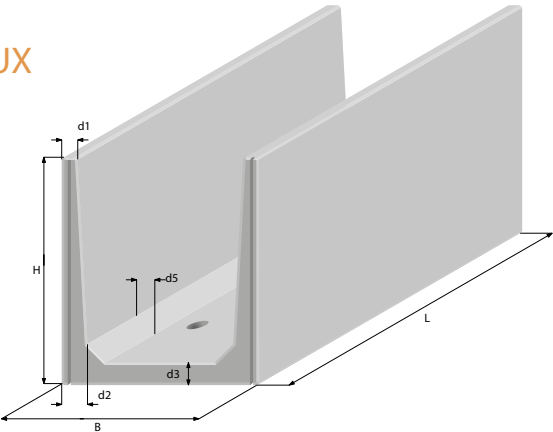


thickness 14 cm
10 ton axle load

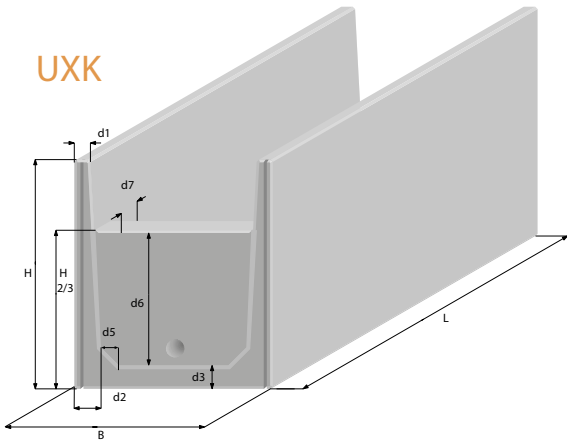


thickness 20 cm
15 ton axle load

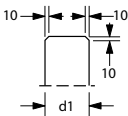
UX



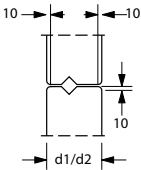
UXK



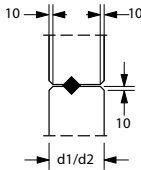
Detail edge finish
in mm



Detail
top edge



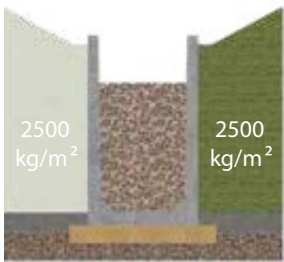
Detail
side edge
groove and
groove



Coupler
in wood or
plastic for
a perfect one
closure

Tax schedule

Inclination angle of slope is max 35° (28° with maize)



Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	load foot side	load back
UX(X) UXK	industrial smooth	industrial smooth	DEHA	V-groove	C 55/67	2500 kg/m²	2500 kg/m²

Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d5 cm	d6 cm	d7 cm	Weight kg/element	Lifting facility
UX	100	130	200	10	15	15	8			2080	4 x 2,5 t
	150	130	200	10	17	15	10			2880	4 x 2,5 t
	200	130	200	10	17	15	12			3500	4 x 2,5 t
	250	150	200	10	19	20	15			5000	4 x 2,5 t
	300	150	200	10	19	20	15			6000	4 x 2,5 t

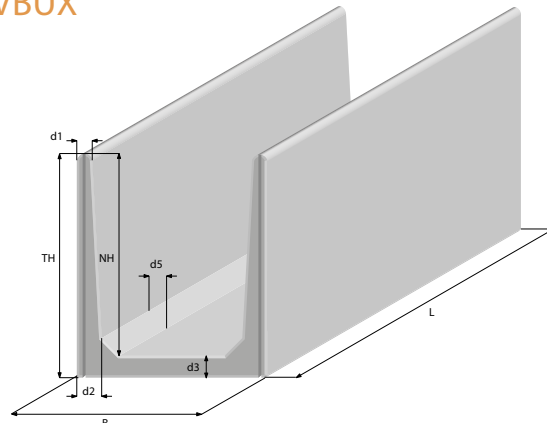
UXX	150	130	400	10	17	15	10			5760	4 x 2,5 t
	200	130	400	10	17	15	12			7120	4 x 2,5 t

UXK	100	130	200	10	15	15	8	67	12	2360	4 x 2,5 t
	150	130	200	10	17	15	10	100	12	3160	4 x 2,5 t
	200	130	200	10	17	15	12	134	12	3840	4 x 2,5 t
	250	150	200	10	19	20	15	167	12	5360	4 x 2,5 t
	300	150	200	10	19	20	15	200	12	6600	4 x 2,5 t

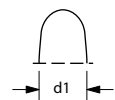
VBUX / VBUXK



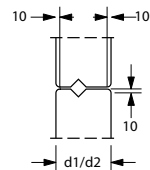
VBUX



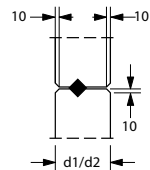
Detail edge finish
in mm



Detail
top edge

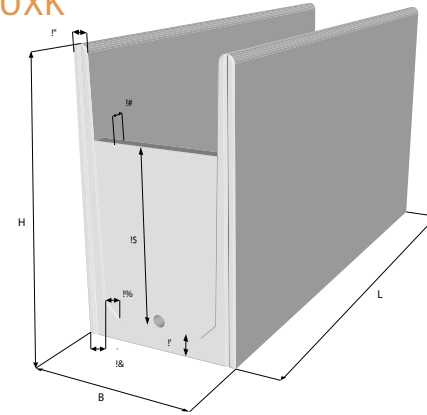


Detail
side edge
groove and
groove



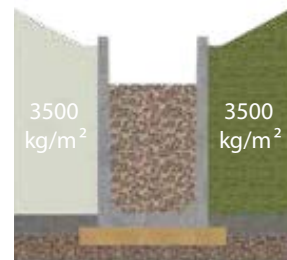
Coupler
in wood or
plastic for
a perfect one
closure

VBUXK



Tax schedule

Inclination angle of slope is max 35° (28° with maize)

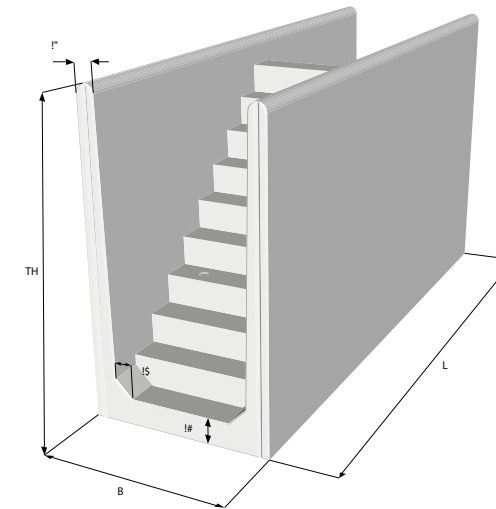


Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete	Nuisance
VBUX(X)(K)	industrial smooth	industrial smooth	DEHA	V-groove	C 55/67	3500 kg/m²

Type	NH cm	TH cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d5 cm	Weight kg/element	Lifting facility
VBUXX	200	216	125	400	12	16	19	12	7600	4 x 2,5 t
VBUX	300	318	175	200	12	17	20	15	6460	4 x 2,5 t

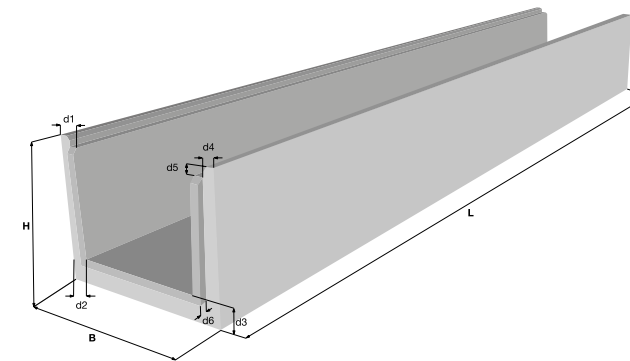
Type	NH cm	TH cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d5 cm	d6 cm	d7 cm	Weight kg/element	Lifting facility
VBUX(X)(V)K	200	216	125	400	12	16	19	12	133	12	7975	4 x 2,5 t
	300	318	175	200	12	17	20	15	200	12	7310	4 x 2,5 t

VBUX STEPS



Type	Belongs to	H cm	Steps	Weight kg/element	Lifting facility
TRPVBOX	VBUXX200	100	5	747	4 x M16
	VBUXX200	180	9	1414	4 x M16
	VBUX300	200	10	2475	4 x M16
	VBUX300	280	14	3373	4 x M16

CABLE TRAY



Type	Finish foot side	Finish back	Lifting facility	Connection	Type of concrete
KBG	industrial smooth	industrial smooth	DEHA	cold	C55/67

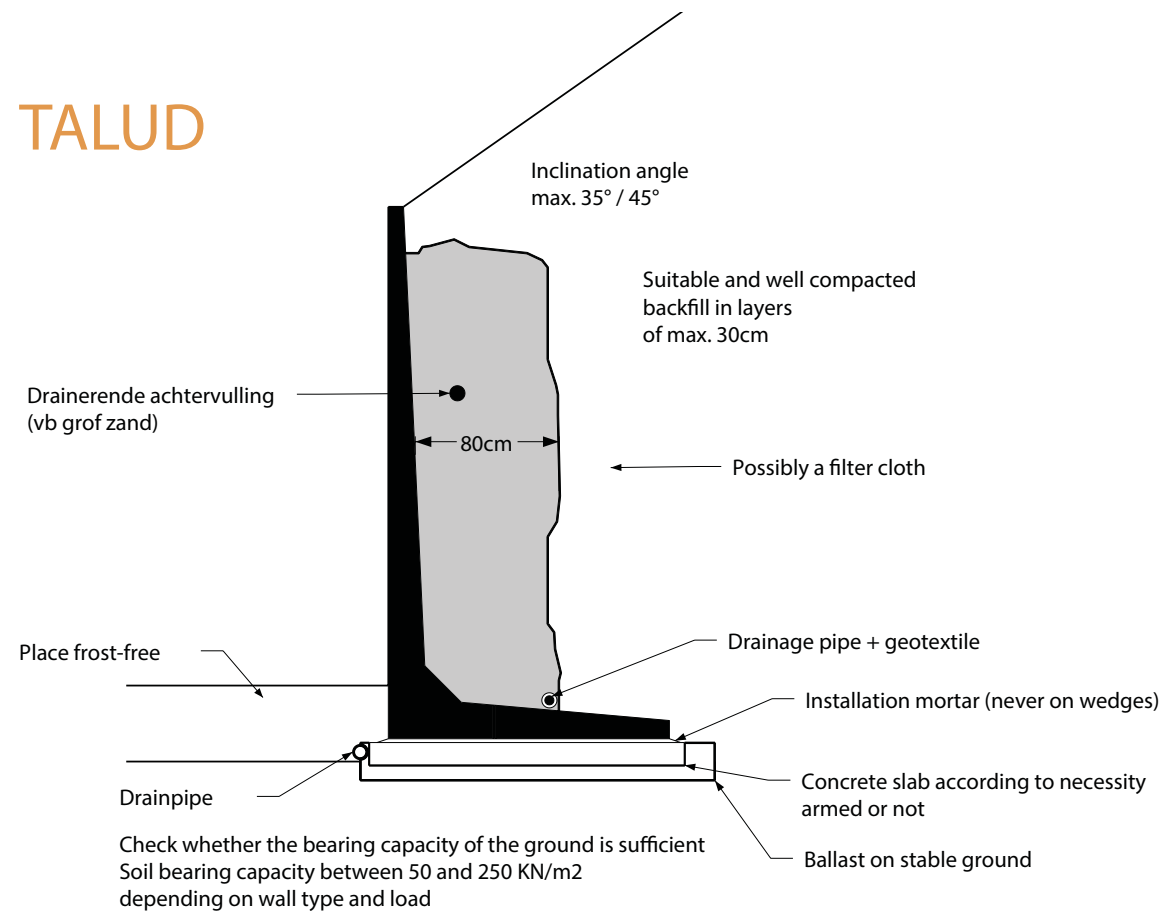
Type	H cm	B cm	L cm	d1 cm	d2 cm	d3 cm	d4 cm	d5 cm	d6 cm	Weight kg/element	Lifting facility
KBG	45	50	400	10	12,5	10	5	5		1165	4 x 2,5 t
	50	64	400	7	8,5	10	3,5	3	2	1125	4 x 2,5 t

TABLE VOLUME MASS

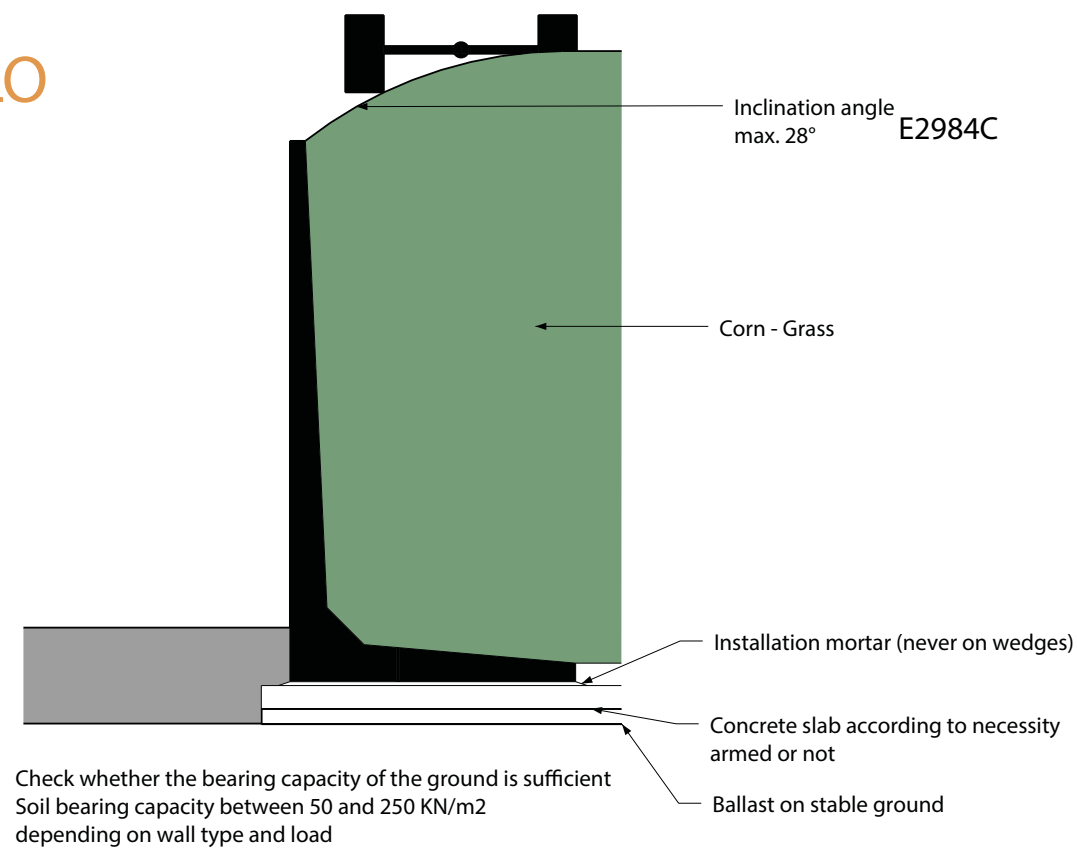
Volume mass in kg/m³ for stacking materials

Products	Specific weight kg/m ³	Internal friction angle
POTATOES	750	30°
PHOSPHATES	1300	35 to 40°
FRUIT (STACKED LOOSE)	450	35°
GRAIN	800	25 to 30°
GARDEN FERTILIZER	1100	45°
COAL	850	27 to 30°
COMPOST	200	45°
MAIZE	800	25 to 30°
FLOUR (STACKED LOOSE)	600	25°
MANURE	900	45°
SUGAR	950	35°
FISH MEAL	800	45°
SAND : DRY	1600	30 to 35°
SAND : MOIST	1800	30 to 35°
SALT	1200	40°

TALUD



SILO



LIFTING DEVICES





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