

## Technical list of product - fibrecement slates

Cembrit Diamond 40/40, Cembrit Quadra oblong 60/30, Rhombus, Rhombus Shablone and Cembrit Quadra - Beaver contain cement, cellulose and artificial fibres. They are used for cladding housing and industrial buildings and for roofs and walls. The products have special surface-layers, based on three stages colouring. The first layer is cement slurry spray with pigment content. After curing a transparent coating applied to sides. The face is then sprayed with acrylic paint, which ensures a perfect surface finish. The rear is waxed. The hard, abrasion proof, durable surface resists all climatic impacts and moss. Betternit slates have smooth surface. Dominant slates have rustic surface. Strengthened Horal slates are designed for higher locations for climatic areas K3.

### Technical parameters of products

Technical parameters chart	Characteristic	Standard
Storage moisture level	6 - 14%	
Thermal conductivity	0,3 - 0,4 W/mK	
Water impermeability	without dropets	EN 492
Acidity	pH 10 - 12	
Fire reaction class	A1	EN 13501 - I
Freeze resistance	R <sub>L</sub> = min. 0,75 (100 cykles)	EN 492
Absorption capacity (average)	15%	
Weight (average)	Slate- 1,33 kg/ks, Oblong - 1,5 kg/ks Slate (Horal) - 1,73 kg/ks, Oblong (Horal) - 1,69 kg/ks, Beaver - 0,79 kg/ks, Rhombus - 1,9 kg/ks, Rhombus slate 1,75 kg/ks	
Volume weight (average)	1,85 g/cm <sup>2</sup>	EN 492
Bending moment (min)	50 Nm/m	EN 492, class. B
Breaking strength in pull under bending (average)	20 N/mm <sup>2</sup>	
Material composition	Organic fibres, cement, mineral fillers agents	

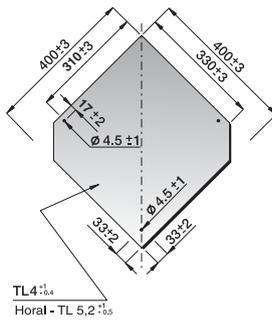
Cembrit Diamond, Cembrit Quadra, Rhombus, Rhombus Shablone and Cembrit Quadra-Beaver comprise cement, silicon additives reinforced with organic fibres. They are used for roofing of housing, municipal, agriculture and industrial buildings. Coloured products can show shade variation from samples, or reproduction printed materials.

The roofing slates have been awarded: The European Statement of consistency No. CCZ/EC/05/2007 – fibre cement boards.

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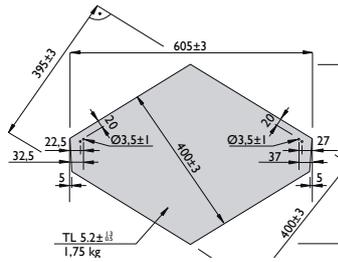
### Cembrit Diamond 40/40

S Slates - smooth surface,  
T Slates - rustic surface,  
H Slates - Horal (K3)



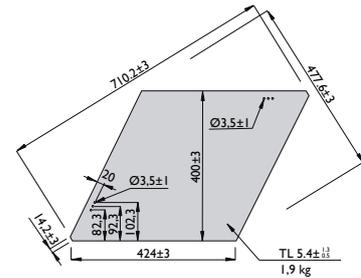
### Rhombus Shablone 40/44

S Slates - smooth surface



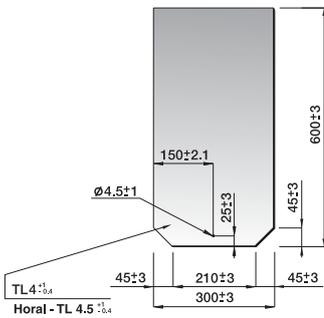
### Rhombus 40/44

S Slates - smooth surface



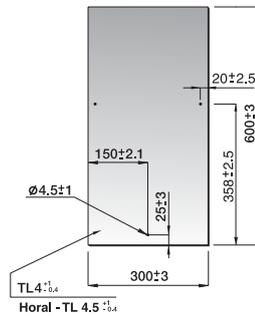
### Cembrit Quadra - Danish oblong 60/30

S Slates - smooth surface,  
T Slates - rustic surface,  
H Slates - Horal (K3)



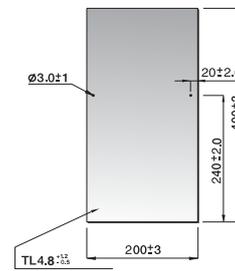
### Cembrit Quadra - English oblong 60/30

S Slates - smooth surface,  
H Slates - Horal (K3)



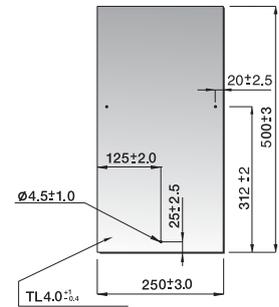
### Cembrit Quadra 40/20

S Slates - smooth surface



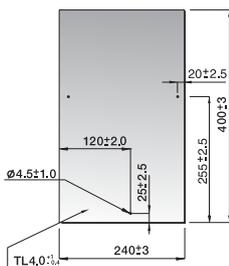
### Cembrit Quadra - 50/25

S Slates - smooth surface



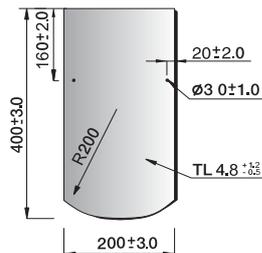
### Cembrit Quadra - 40/24

S Slates - smooth surface



### Cembrit Qudra - Beaver 40/20

S Slates - smooth surface



### Cembrit Qudra - Beaver 40/24

S Slates - smooth surface

