

QUARTIS ZERO

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The most important base material for this type of facing brick is Westerwald clay, a natural white baking clay of the Westerwald region in the western part of Germany. By using specific sand types for surface covering, the desired colour is achieved.

COLOUR

unicoloured light metal grey

FORMAT

Dimensions (L x B x H): 202 x 99 x 50 mm
Number of pieces/m² (4 mm joint): 90

The brick size is suitable for traditional half-brick bond. Thanks to a recess in the top of the brick, the mortar bed lies deeper. The joint at the front is thus reduced to 4 to 5 mm.

INDIVIDUAL CHARACTERISTICS



NBN EN 771-1 Cat. I - HD

Average compressive strength	20 N/mm ²
Dimensions: tolerance category	T2
Dimensions: range category	R1
Dimensional stability	0,04 mm/m
Adhesive strength (mortar)	0,15 N/mm ² (0,30 N/mm ²)
Active soluble salts	S2
Reaction to fire	Euroclass A1 (TOC < 0,1%)
Water absorption	<= 15% (m/md)
Initial rate of water absorption	<4,5 kg/m ² .min
Water vapour diffusion coefficient	5/10 (EN 1745)
Net dry density	1750 kg/m ³ (D1)
Gross dry density	1640 kg/m ³ (D1)
Equivalent thermal conductivity	0,55 W/m.K
Freeze / thaw resistance	F2
Dangerous substances	NPD (No performance determined)

We advice to use a custom, prefabricated mortar with improved bonding, which is suitable to use on moderately to highly absorbent facing bricks. For more information, we can refer you to a building material supplier near you.

Plants:

Vandersanden Spouwen
Riemsterweg 300
B-3740 SPOUWEN

Vandersanden Lanklaar
Nijverheidslaan 11
B-3650 LANKLAAR