

ZWART MANGAAN ZERO

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The raw materials are excavated in Weichsel loam layers, the local loam of Aeolian origin dating from the Ice Age. This löss mainly consists of a silt-like fraction, suited ideally for the manufacturing of hand form bricks. By using specific sand types for surface covering, the desired colour is achieved.

COLOUR

unicoloured anthracite

FORMAT

Dimensions (L x B x H): 200 x 97 x 48 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	<= 10% (m/md)
Initial rate of water absorption	<4,5 kg/m ² .min
Water vapour diffusion coefficient	5/10 (EN 1745)
Net dry density	1850 kg/m ³ (D1)
Gross dry density	1730 kg/m ³ (D1)
Equivalent thermal conductivity	0,60 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