

LITHIUM

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A mix of different kinds of clay forms the basis for this facing brick. Löss, the local loam of Aeolian origin dating from the Ice Age, is the most important base material. 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

grey with shades of dark grey, brown grey and black

FORMAT

HAND FORM

WF 211 x 100 x 50 mm

DF 214 x 101 x 65 mm

7WF 209 x 70 x 50 mm

From one series to another, the average size may slightly differ.

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 min
Water vapour diffusion coefficient	5/10 (EN 1745)
Net dry density	1720 kg/m ³ (D1)
Gross dry density	1610 kg/m ³ (D1)
Equivalent thermal conductivity	0,55 W/m.K
Freeze / thaw resistance	F2
Dangerous substances	NPD (No performance determined)

Plants:

Vandersanden Spouwen
Riemsterweg 300
B-3740 SPOUWEN

Vandersanden Lanklaar
Nijverheidslaan 11
B-3650 LANKLAAR