

# CORTONA

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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

a shade of grey and anthracite

## FORMAT

HAND FORM

7WF (\*)

WF 212 x 101 x 51 mm

DF 215 x 102 x 66 mm

(\*): not standard

*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 <sup>2</sup>
Dimensions: tolerance category	T2
Dimensions: range category	R1
Dimensional stability	0,04 mm/m
Bond strength (mortar joints)	0,15 N/mm <sup>2</sup> (0,30 N/mm <sup>2</sup> )
Active soluble salts	S2
Reaction to fire	Euroclass A1 (TOC < 0,1%)
Water absorption	<= 14% (m/md)
Initial rate of water absorption	<4,5 min
Water vapour diffusion coefficient	5/10 (EN 1745)
Net dry density	1760 kg/m <sup>3</sup> (D1)
Gross dry density	1650 kg/m <sup>3</sup> (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