

Aspect and structure

The facade bricks (non-perforated) have five sand covered sides and one oblong groove. The structure looks rugged with fine and irregular grooves in the sandy surface. The baking process takes place in a gas-heated tunnel oven under slightly reduced atmosphere.

Colour

The brick has a beige-pink base, with the hues ranging from salmon-pink to yellow-beige, and with white, pink and dark grey shadings.

Available types

Mould 50 (192.91.49)
 Mould 65 (192.91.65)
 Waal brick 50 (212.101.49)
 Waal brick 65 (217.102.64)

Total per m²

± 83/m²
 ± 65/m²
 ± 75/m²
 ± 58/m²

Sizes on request (from ± 50.000 units)

Declared performance:							
Dimensions	M50	M65	RF	WV50	WV65		
Length	190	190	210	210	215	mm	
Width	90	90	100	100	102	mm	
Hight	49	64	39	49	64	mm	
Normalised compressive strength	cat. I, I				22	25	N/mm ²
						30	N/mm ²
Mean compressive strength						30	N/mm ²
Dimensional tolerance						T2	
Range category						R1	
Flatness of bed faces						NPD	
Plane parallelism of bed faces						NPD	
Gross dry density						1400 (D2)	kg/m ³
Net dry density						1650 (D2)	kg/m ³
Configuration						1	
Bond strength						0,30 / 0,15	N/mm ²
Thermal conductivity (λ10,dry,mat) EN1745 Annex A						0,49 (S1)	W/mK
Thermal conductivity (λ10,dry,mat(90,90))						0,45 (S2)	
Water vapour permeability						5/10	
[Durability : freeze/thaw resistance]						F2	
Water absorption						16	%
Initial rate of water absorption						2,5	kg/(m ² min)
Active soluble salt content						S2	
[Dimensional stability: Moisture movement]						NPD	mm/m
Reaction to fire						A1	
Dangerous substances						NPD	

NBN EN 771-1: 2011

λ 10, wet (90,90) : 0,95 W/mk
 Very frost-proof according to PTV 23-002
 See our website for the current technical information.

The colours shown are near reflection of the reality.
 From one series to another the size may differ.