

Product name	Product group	Production location
Rega	VA	Spouwen

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

A light metal grey brick with white and grey shades

#### Format

Moulding method	Hand form
WF: 212 x 101 x 51 mm	Between batches the average size and color may slightly differ.

#### Essential Characteristics - EN771-1

 EN 771-1 - 0620-CPR-97882		
Dimensional tolerances	T2	
Range	R1	
Active Soluble Salts	S2	
Mean Compressive strength	$\geq 20 \text{ N/mm}^2$	Tested to the bed face
Normalized Compressive strength	$\geq 20 \text{ N/mm}^2$	Tested to the bed face
Dimensional stability	NPD	
Bond Strength general	NPD	
Bond Strength thin layer	NPD	
Reaction to fire	A1	Category
Water absorption	$\leq 15\% \text{ m/md}$	
Water vapour permeability	5/10	
Net dry density	$1750 \text{ kg/m}^3 \text{ (D1)}$	
Gross dry density	$1640 \text{ kg/m}^3 \text{ (D1)}$	
Thermal conductivity Lambda 50/50	$\leq 0,55 \text{ W/m.K}$	
Durability against freeze thaw	F2	
Dangerous substances	NL-BSB	According to Annex ZA 3

#### Other Characteristics

Initial rate of water absorption - Non-coated Bricks	$1,5 - 4,0 \text{ kg/m}^2 \cdot \text{min (IW3)}$	Value according EN771-1:2011 - 5.3.8
Initial rate of water absorption - Coated bricks	$0,5 - 1,5 \text{ kg/m}^2 \cdot \text{min (IW2)}$	Value according EN771-1:2011 - 5.3.8
Freeze/thaw resistance	Zeer vorstbestand	B 27-009
Thermal conductivity Lambda 90/90	$0,60 \text{ W/m.K}$	
Thermal conductivity Lambda Ui	$0,644 \text{ W/m.K}$	
Thermal conductivity Lambda Ue	$1,27 \text{ W/m.K}$	



#### Storage & handling

- Store packs on a clean surface and cover them
- Process from multiple packs at the same time
- Follow the Vandersanden processing guidelines

#### Cutting

Cutting with power tools may generate dust. This dust may contain silica or quartz particulate which may constitute a hazard. Persons undertaking work of this nature are advised to wear dust masks (FFP3).

\*All our Coated bricks are only coated on the facing sides. Coated products are specially labeled and recognisable with a "C" logo on the top left-hand side of the packaging. Always check if using coated or non-coated bricks. Match the mortar to the specified initial water absorption.