

| product name   |   | Production location  |  |
|--|---|--|--|
| Handmade Rega  |   | 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<br>DF: 214 x 101 x 65 mm<br>M50: 193 x 90 x 50 mm  |   | Between batches the average size and color may slightly differ.  |  |
| Essential Characteristics - EN771-1  |   |  |  |
|   |   | 0620-CPR-97882   |  |
| Dimensions: tolerance category   | T2  |  |  |
| Dimensions: range category   | R1  |  |  |
| Active soluble salt  | S2  |  |  |
| Average compressive strength   | $\geq 20 \text{ N/mm}^2$                                  | Tested to the bed face   |  |
| Normalised compressive strength  | $\geq 20 \text{ N/mm}^2$                                  | Tested to the bed face   |  |
| Dimensional stability  | NPD   |  |  |
| Bond Strength general  | NPD   | Value according EN998-2 Annex C  |  |
| Adhesive strength (mortar)   | NPD   | Value according EN998-2 Annex C  |  |
| 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  | $1640 \text{ kg/m}^3 \text{ (D1)}$                        |  |  |
| Equivalent thermal conductivity  | $\leq 0,55 \text{ W/m.K}$                                 | Value according EN1745, Annex A 50%  |  |
| Freeze/thaw resistance   | F2  |  |  |
| Dangerous substances   | NL-BSB  | According Annex ZA.3   |  |
| Other Characteristics  |   |  |  |
| Initial rate of water absorption - Non-coated Brick  | $1,5 - 4,0 \text{ kg/m}^2 \cdot \text{min} \text{ (IW3)}$ | Value according EN771-1:2011 - 5.3.8   |  |
| Initial rate of water absorption (kg/m <sup>2</sup> .min) - Coated Brick*  | $0,5 - 1,5 \text{ kg/m}^2 \cdot \text{min} \text{ (IW2)}$ | Value according EN771-1:2011 - 5.3.8   |  |
| Eq. Thermal Property 10, dry mass (90/90)  | $0,60 \text{ W/m.K}$                                      |  |  |
| Eq. Thermal Property 10, dry mass ( $\lambda_{\text{Ui}}$ )  | $0,644 \text{ W/m.K}$                                     |  |  |
| Eq. Thermal Property 10, dry mass ( $\lambda_{\text{Ue}}$ )  | $1,27 \text{ W/m.K}$                                      |  |  |
|    |   |  |  |
| Storage & handling   |   | Cutting  |  |
| <ul style="list-style-type: none"> <li>- Store packs on a clean surface and cover them</li> <li>- Process from multiple packs at the same time</li> <li>- Follow the Vandersanden processing guidelines</li> </ul>   |   | 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). |  |
| <small>*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.</small> |   |  |  |