


| product name | | Production location | |
|--|------------------------------------|--|--|
| Halle | | Oberlausitz | |
| Colour | | | |
| No description | | | |
| Format | | | |
| Moulding method | | Wirecut | |
| XL45: 290 x 65 x 45 mm | | From one series to another, the average size may slightly differ. | |
| Essential Characteristics - EN771-1 | | | |
| Dimensions: tolerance category | T2 | | |
| Dimensions: range category | R1 | | |
| Active soluble salt | S2 | | |
| Average compressive strength | $\geq 56,3 \text{ N/mm}^2$ | Tested to the bed face | |
| Normalised compressive strength | $\geq 40 \text{ N/mm}^2$ | Tested to the bed face | |
| Dimensional stability | NPD | | |
| Bond Strength general | $0,15 \text{ N/mm}^2$ | Value according EN998-2 Annex C | |
| Adhesive strength (mortar) | $0,30 \text{ N/mm}^2$ | Value according EN998-2 Annex C | |
| Reaction to fire | A1 | Category | |
| Water absorption | $\leq 6\% \text{ m/md}$ | | |
| Water vapour permeability | 50/100 | | |
| Net dry density | $2300 \text{ kg/m}^3 \text{ (D2)}$ | | |
| Gross dry density | $2100 \text{ kg/m}^3 \text{ (D2)}$ | | |
| Equivalent thermal conductivity | $\leq \text{NPD}$ | 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 | NPD | Value according EN771-1:2011 - 5.3.8 | |
| Initial rate of water absorption ($\text{kg/m}^2 \cdot \text{min}$) - Coated Brick* | NPD | Value according EN771-1:2011 - 5.3.8 | |
| Eq. Thermal Property 10, dry mass (90/90) | NPD | | |
| Eq. Thermal Property 10, dry mass (λ_{Ui}) | NPD | | |
| Eq. Thermal Property 10, dry mass (λ_{Ue}) | NPD | | |
|  | | | |
| Storage & handling | | Cutting | |
| <ul style="list-style-type: none"> - Store packs on a clean surface and cover them - Process from multiple packs at the same time - Follow the Vandersanden processing guidelines | | 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> | | | |