



| product name | | Production location |
|--|---|--|
| Handmade Old Forge Nostalgie | | Lanklaar |
| The raw materials are excavated in Weichsel loam layers, the local loam of Aeolian origin dating from the Ice Age. 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 orange, red, beige and white with appearance of reclaimed brick | | |
| Format | | |
| Moulding method | | Hand form |
| DF: 214 x 101 x 65 mm | | From one series to another, the average size may slightly differ. |
| Essential Characteristics - EN771-1 | | |
|  | | 0620-CPR-97884/01 |
| 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 | 20 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 | $\leq 14\% \text{ m/md}$ | |
| Water vapour permeability | 5/10 | |
| Net dry density | $1740 \text{ kg/m}^3 \text{ (D1)}$ | |
| Gross dry density | $1630 \text{ kg/m}^3 \text{ (D1)}$ | |
| Equivalent thermal conductivity | $\leq 0,60 \text{ W/m.K}$ | 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 | $1,5 - 4.0 \text{ kg/m}^2 \cdot \text{min (IW3)}$ | 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) | $0,65 \text{ W/m.K}$ | |
| Eq. Thermal Property 10, dry mass (λ_{Ui}) | $0,697 \text{ W/m.K}$ | |
| Eq. Thermal Property 10, dry mass (λ_{Ue}) | $1,376 \text{ W/m.K}$ | |
|  | | |
| 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). |
| *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. | | |