



| Product name | Product group | Production location |
|--|--|--------------------------------------|
| Corum | L3 | 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 | | |
| grey yellow with dark grey shades | | |
| Format | | |
| Moulding method | Hand form | |
| DF: 214 x 101 x 65 mm | Between batches the average size and color may slightly differ. | |
| Essential Characteristics - EN771-1 | | |
|  0620-CPR-97884 | | |
| 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 | NPD | Tested to the bed face |
| Dimensional stability | NPD | |
| Bond Strength general | $0,15 \text{ N/mm}^2$ | |
| Bond Strength thin layer | $0,30 \text{ N/mm}^2$ | |
| Reaction to fire | A1 | Category |
| Water absorption | $\leq 17\% \text{ m/md}$ | |
| Water vapour permeability | 5/10 | |
| Net dry density | $1640 \text{ kg/m}^3 \text{ (D1)}$ | |
| Gross dry density | $1530 \text{ kg/m}^3 \text{ (D1)}$ | |
| 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 | NPD | 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 | 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. | | |