



| Product name | | Product group | Production location |
|--|--|--|---------------------|
| Lithium | | V6 | Spouwen |
| A mix of different kinds of clay forms the basis for this facing brick. Löss, the local loam of Aeolian origin dating from the Ice Age, is the most important base material. 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 with shades of dark grey, brown grey and black(*) | | | |
| (*)The format WF-7 is only available upon request | | | |
| 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 | | | |
|  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 | 1720 kg/m ³ (D1) | | |
| Gross dry density | 1610 kg/m ³ (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 kg/m ² .min (IW3) | Value according EN771-1:2011 - 5.3.8 | |
| Initial rate of water absorption - Coated bricks | 0,5 - 1,5 kg/m ² .min (IW2) | Value according EN771-1:2011 - 5.3.8 | |
| Freeze/thaw resistance | Zeer vorstbest./Résist. élevée au gel | B 27-009 | |
| Thermal conductivity Lambda 90/90 | 0,60 W/m.K | | |
| Thermal conductivity Lambda Ui | 0,644 W/m.K | | |
| Thermal conductivity Lambda Ue | 1,27 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. | | | |