




| product name | | Production location | |
|--|---|--|--|
| Handmade Ledbury | | 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 yellow to brown and black | | | |
| Format | | | |
| Moulding method | | Hand form | |
| WF: 212 x 101 x 51 mm DF: 215 x 102 x 65 mm | | Between batches the average size and color may slightly differ. | |
| Essential Characteristics - EN771-1 | | | |
|  | | 0620-CPR-97884 | |
| 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 | NPD | 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 | $\leq 17\% \text{ m/md}$ | | |
| Water vapour permeability | 5/10 | | |
| Net dry density | $1640 \text{ kg/m}^3 \text{ (D1)}$ | | |
| Gross dry density | $1530 \text{ kg/m}^3 \text{ (D1)}$ | | |
| 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 ($\text{kg/m}^2 \cdot \text{min}$) - 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 (λ_{Ui}) | $0,644 \text{ W/m.K}$ | | |
| Eq. Thermal Property 10, dry mass (λ_{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. | | | |

| product name | | Production location | |
|--|--|--|--|
| Handmade Ledbury | | Spouwen | |
| 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 yellow to brown and black | | | |
| Format | | | |
| Moulding method | | Hand form | |
| M50: 193 x 90 x 50 mm M65: 192 x 90 x 65 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 | $\leq 17\% \text{ m/md}$ | | |
| Water vapour permeability | 5/10 | | |
| Net dry density | 1640 kg/m ³ (D1) | | |
| Gross dry density | 1530 kg/m ³ (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 kg/m ² .min (IW3) | Value according EN771-1:2011 - 5.3.8 | |
| Initial rate of water absorption (kg/m ² .min) - Coated Brick* | 0,5 - 1,5 kg/m ² .min (IW2) | Value according EN771-1:2011 - 5.3.8 | |
| Eq. Thermal Property 10, dry mass (90/90) | 0,60 W/m.K | | |
| Eq. Thermal Property 10, dry mass (lambda Ui) | 0,644 W/m.K | | |
| Eq. Thermal Property 10, dry mass (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). | |
| <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> | | | |