





| Product name   | Product group  | Production location                  |
|--|--|--------------------------------------|
| Autumn Red   | V1   | 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   |  |                                      |
| red brown with dark shades   |  |                                      |
| Format   |  |                                      |
| Moulding method  | Hand form  |                                      |
| M50: 192 x 90 x 49 mm<br>WF: 210 x 100 x 50 mm<br>DF: 214 x 101 x 65 mm<br>M65: 187 x 88 x 65 mm   | Between batches the average size and color may slightly differ.  |                                      |
| Essential Characteristics - EN771-1  |  |                                      |
|  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   | $\leq 14\% \text{ m/md}$   |                                      |
| Water vapour permeability  | 5/10   |                                      |
| Net dry density  | 1740 kg/m <sup>3</sup> (D1)  |                                      |
| Gross dry density  | 1630 kg/m <sup>3</sup> (D1)  |                                      |
| Thermal conductivity Lambda 50/50  | $\leq 0,60 \text{ W/m.K}$  |                                      |
| 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 <sup>2</sup> .min (IW3)   | Value according EN771-1:2011 - 5.3.8 |
| Initial rate of water absorption - Coated bricks   | 0,5 - 1,5 kg/m <sup>2</sup> .min (IW2)   | Value according EN771-1:2011 - 5.3.8 |
| Freeze/thaw resistance   | Zeer vorstbestand  | B 27-009                             |
| Thermal conductivity Lambda 90/90  | 0,65 W/m.K   |                                      |
| Thermal conductivity Lambda Ui   | 0,697 W/m.K  |                                      |
| Thermal conductivity Lambda Ue   | 1,376 W/m.K  |                                      |
|    |  |                                      |
| Storage & handling   | Cutting  |                                      |
| <ul style="list-style-type: none"> <li>- Store packs on a clean surface and cover them</li> <li>- Process from multiple packs at the same time</li> <li>- Follow the Vandersanden processing guidelines</li> </ul>   | 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   | Product group  | Production location                  |
|--|--|--------------------------------------|
| Autumn Red   | L1   | 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   |  |                                      |
| red brown with dark shades   |  |                                      |
| Format   |  |                                      |
| Moulding method  | Hand form  |                                      |
| WF: 210 x 100 x 50 mm  | Between batches the average size and color may slightly differ.  |                                      |
| Essential Characteristics - EN771-1  |  |                                      |
|  <span style="margin-left: 20px;">0620-CPR-97884</span>   |  |                                      |
| 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  | $0,15 \text{ N/mm}^2$  |                                      |
| Bond Strength thin layer   | $0,30 \text{ N/mm}^2$  |                                      |
| 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  | $1630 \text{ kg/m}^3 \text{ (D1)}$   |                                      |
| Thermal conductivity Lambda 50/50  | $\leq 0,60 \text{ W/m.K}$  |                                      |
| 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  | $0,65 \text{ W/m.K}$   |                                      |
| Thermal conductivity Lambda Ui   | $0,697 \text{ W/m.K}$  |                                      |
| Thermal conductivity Lambda Ue   | $1,376 \text{ W/m.K}$  |                                      |
|    |  |                                      |
| Storage & handling   | Cutting  |                                      |
| <ul style="list-style-type: none"> <li>- Store packs on a clean surface and cover them</li> <li>- Process from multiple packs at the same time</li> <li>- Follow the Vandersanden processing guidelines</li> </ul>   | 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). |                                      |
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