






| product name   |   | Production location  |  |
|--|---|--|--|
| Handmade Mistral   |   | Lanklaar   |  |
| 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   |   |  |  |
| unicoloured grey brown   |   |  |  |
| Format   |   |  |  |
| Moulding method  |   | Hand form  |  |
| WF: 212 x 101 x 51 mm<br>DF: 213 x 100 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 (kg/m <sup>2</sup> .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 (lambda Ui)  | $0,644 \text{ W/m.K}$                                     |  |  |
| Eq. Thermal Property 10, dry mass (lambda Ue)  | $1,27 \text{ W/m.K}$                                      |  |  |
|    |   |  |  |
| 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). |  |
| *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 Mistral   |  | 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   |  |  |  |
| unicoloured grey brown   |  |  |  |
| Format   |  |  |  |
| Moulding method  |  | Hand form  |  |
| WF: 212 x 101 x 51 mm<br>DF: 215 x 102 x 65 mm<br>M50: 193 x 90 x 50 mm<br>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 <sup>3</sup> (D1)            |  |  |
| Gross dry density  | 1530 kg/m <sup>3</sup> (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 <sup>2</sup> .min (IW3) | Value according EN771-1:2011 - 5.3.8   |  |
| Initial rate of water absorption (kg/m <sup>2</sup> .min) - Coated Brick*  | 0,5 - 1,5 kg/m <sup>2</sup> .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"> <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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| product name   |   | Production location  |  |
|--|---|--|--|
| Handmade Mistral   |   | Hedikhuizen  |  |
| 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   |   |  |  |
| unicoloured grey brown   |   |  |  |
| Format   |   |  |  |
| Moulding method  |   | Hand form  |  |
| LF-4: 244 x 92 x 42 mm   |   | Between batches the average size and color may slightly differ.  |  |
| Essential Characteristics - EN771-1  |   |  |  |
|   |   | 0620-CPR-97880   |  |
| Dimensions: tolerance category   | T2  |  |  |
| Dimensions: range category   | R1  |  |  |
| Active soluble salt  | S2  |  |  |
| Average compressive strength   | NPD   | Tested to the bed face   |  |
| Normalised compressive strength  | $\geq 10 \text{ N/mm}^2$                          | 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   | $\leq 18\% \text{ m/md}$                          |  |  |
| Water vapour permeability  | 5/10  |  |  |
| Net dry density  | NPD   |  |  |
| Gross dry density  | $1530 \text{ kg/m}^3 \text{ (D1)}$                |  |  |
| Equivalent thermal conductivity  | $\leq 0,43 \text{ W/m.K}$                         | 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)  | NPD   |  |  |
| Eq. Thermal Property 10, dry mass ( $\lambda_{\text{Ui}}$ )  | NPD   |  |  |
| Eq. Thermal Property 10, dry mass ( $\lambda_{\text{Ue}}$ )  | NPD   |  |  |
|    |   |  |  |
| 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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