

| Product name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 | Product group                                                                                                                                                                                                    | Production location |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Mistral SN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 | L3                                                                                                                                                                                                               | Lanklaar Zagerij    |
| 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                                                                                                                                                                                                        |                     |
| DF: 213 x 20 x 65 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 | Between batches the average size and color may slightly differ.                                                                                                                                                  |                     |
| Essential Characteristics                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |                                                                                                                                                                                                                  |                     |
| Dimensional tolerances                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | T2              | EN 772-16                                                                                                                                                                                                        |                     |
| Range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | R1              | EN 772-16 (EN 771-1 & DIN 105-100)                                                                                                                                                                               |                     |
| Flatness – About length                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NPD             | EN 772-16 (EN 771-1 & DIN 105-100)                                                                                                                                                                               |                     |
| Flatness – About height                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NPD             | EN 772-16 (EN 771-1 & DIN 105-100)                                                                                                                                                                               |                     |
| Flatness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <= 2mm          | EN 772-20 (EN 771-1 & DIN 105-100)                                                                                                                                                                               |                     |
| Curvature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NPD             |                                                                                                                                                                                                                  |                     |
| Reaction to fire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A1              | Category                                                                                                                                                                                                         |                     |
| Part organic material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | < 0,05%         |                                                                                                                                                                                                                  |                     |
| Water absorption                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <= 17% m/md     | EN 772-21 (EN 771-1 & DIN 105-100)                                                                                                                                                                               |                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NPD             | EN 10545-3 (DIN 105-100)                                                                                                                                                                                         |                     |
| Water vapour permeability                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5/10            |                                                                                                                                                                                                                  |                     |
| Net dry density                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1640 kg/m³ (D1) |                                                                                                                                                                                                                  |                     |
| Gross dry density                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1530 kg/m³ (D1) |                                                                                                                                                                                                                  |                     |
| Thermal conductivity Lambda 50/50                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <=0,55 W/m.K    |                                                                                                                                                                                                                  |                     |
| 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      |                                                                                                                                                                                                                  |                     |
| Active Soluble Salts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | S2              |                                                                                                                                                                                                                  |                     |
| Durability against freeze thaw                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | F2              | EN 772-22 (EN 771-1 & DIN 105-100)                                                                                                                                                                               |                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NPD             | DIN 52252-1                                                                                                                                                                                                      |                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NPD             | NBN B 23-101                                                                                                                                                                                                     |                     |
| Dangerous substances                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NL-BSB          |                                                                                                                                                                                                                  |                     |
| Pore volume                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NPD             | 15901-1 / DIN 66133                                                                                                                                                                                              |                     |
| <div><div></div><div></div><div></div><div></div><div></div></div> |                 |                                                                                                                                                                                                                  |                     |
| Storage & handling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 | Cutting                                                                                                                                                                                                          |                     |
| <div><div>- Store packs on a clean surface and cover them</div><div>- Process from multiple packs at the same time</div><div>- Follow the Vandersanden processing guidelines</div></div>                                                                                                                                                                                                                                                                                                             |                 | Dry 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). |                     |