

| Product name                                                                                                                                                                                                                                                                                                                                                                                                                    |                 | Product group                                                   | Production location |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------|---------------------|
| Viola Light SN                                                                                                                                                                                                                                                                                                                                                                                                                  |                 | D1                                                              | Lanklaar Zagerij    |
| The bricks are mainly produced from alluvial clays from the sedimentary region of the river Meuse. The river eroded the Ardennes rock formations and carried along the eroded materials. In the flooded region of the river's lower course, these materials were eventually deposited as sediments. Judicious mixing of the clay deposits produces just the right kind of base material for the production of hand form bricks. |                 |                                                                 |                     |
| Colour                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |                                                                 |                     |
| red with brown and dark shades                                                                                                                                                                                                                                                                                                                                                                                                  |                 |                                                                 |                     |
| Format                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |                                                                 |                     |
| Moulding method                                                                                                                                                                                                                                                                                                                                                                                                                 |                 | Hand form                                                       |                     |
| DF: 215 x 20 x 66 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                                                                                                                                                                                                                                                                                                                                                                                                                | <= 15% 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                                                                                                                                                                                                                                                                                                                                                                                                                 | 1800 kg/m³ (D1) |                                                                 |                     |
| Gross dry density                                                                                                                                                                                                                                                                                                                                                                                                               | 1780 kg/m³ (D1) |                                                                 |                     |
| Thermal conductivity Lambda 50/50                                                                                                                                                                                                                                                                                                                                                                                               | <=0,49 W/m.K    |                                                                 |                     |
| Thermal conductivity Lambda 90/90                                                                                                                                                                                                                                                                                                                                                                                               | NPD             |                                                                 |                     |
| Thermal conductivity Lambda Ui                                                                                                                                                                                                                                                                                                                                                                                                  | NPD             |                                                                 |                     |
| Thermal conductivity Lambda Ue                                                                                                                                                                                                                                                                                                                                                                                                  | NPD             |                                                                 |                     |
| Active Soluble Salts                                                                                                                                                                                                                                                                                                                                                                                                            | S2              |                                                                 |                     |
| Durability against freeze thaw                                                                                                                                                                                                                                                                                                                                                                                                  | NPD             | 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                                             |                     |











| Storage & handling                                                                                                                                                              |  | Cutting                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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> |  | 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). |