

| Product name                                                                                                                                                                                                                                                                                                       |                                       | Product group                                                   | Production location |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------|---------------------|
| Midnight Blue SN                                                                                                                                                                                                                                                                                                   |                                       | V7                                                              | Lanklaar Zagerij    |
| 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                                                                                                                                                                                                                                                                                                             |                                       |                                                                 |                     |
| unicoloured anthracite                                                                                                                                                                                                                                                                                             |                                       |                                                                 |                     |
| Format                                                                                                                                                                                                                                                                                                             |                                       |                                                                 |                     |
| Moulding method                                                                                                                                                                                                                                                                                                    |                                       | Hand form                                                       |                     |
| DF: 212 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                                                                                                                                                                                                                                                                                                   | <= 10% m/md                           | EN 772-21 (EN 771-1 & DIN 105-100)                              |                     |
|                                                                                                                                                                                                                                                                                                                    | NPD                                   | EN 10545-3 (DIN 105-100)                                        |                     |
| Water vapour permeability                                                                                                                                                                                                                                                                                          | 50/100                                |                                                                 |                     |
| Net dry density                                                                                                                                                                                                                                                                                                    | 1850 kg/m³ (D1)                       |                                                                 |                     |
| Gross dry density                                                                                                                                                                                                                                                                                                  | 1730 kg/m³ (D1)                       |                                                                 |                     |
| Thermal conductivity Lambda 50/50                                                                                                                                                                                                                                                                                  | <=0,60 W/m.K                          |                                                                 |                     |
| 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                           |                                                                 |                     |
| Active Soluble Salts                                                                                                                                                                                                                                                                                               | S2                                    |                                                                 |                     |
| Durability against freeze thaw                                                                                                                                                                                                                                                                                     | F2                                    | EN 772-22 (EN 771-1 & DIN 105-100)                              |                     |
|                                                                                                                                                                                                                                                                                                                    | NPD                                   | DIN 52252-1                                                     |                     |
|                                                                                                                                                                                                                                                                                                                    | Zeer vorstbest./Résist. élevée au gel | 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). |