






| Product name   |  | Product group   | Production location |
|--|--|---|---------------------|
| Billund  |  | S7  | Spijk               |
| A mix of different kinds of clay forms the basis for this facing brick. This special mix of clays is ideally suited for the manufacturing of hand form bricks. Due to the use of the water-struck-technique the facing bricks sight will appear textured without sand coated surface.  |  |   |                     |
| Colour   |  |   |                     |
| Red with soft brown, purple and dark grey shades, textured without sand coated surface (Water-struck)  |  |   |                     |
| Format   |  |   |                     |
| Moulding method  |  | Waterstruck   |                     |
| WF: 213 x 101 x 52 mm  |  | Between batches the average size and color may slightly differ.   |                     |
| Essential Characteristics - EN771-1  |  |   |                     |
|  |  | <div>CE</div> EN 771-1 - 0620-CPR-76485   |                     |
| Dimensional tolerances   | T2                                     |   |                     |
| Range  | R1                                     |   |                     |
| Active Soluble Salts   | S2                                     |   |                     |
| Mean Compressive strength  | >= 15 N/mm <sup>2</sup>                | Tested to the bed face  |                     |
| Normalized Compressive strength  | >= 15 N/mm <sup>2</sup>                | Tested to the bed face  |                     |
| Dimensional stability  | NPD                                    |   |                     |
| Bond Strength general  | 0,15 N/mm <sup>2</sup>                 |   |                     |
| Bond Strength thin layer   | 0,30 N/mm <sup>2</sup>                 |   |                     |
| Reaction to fire   | A1                                     | Category  |                     |
| Water absorption   | <= 14% m/md                            |   |                     |
| Water vapour permeability  | 5/10                                   |   |                     |
| Net dry density  | 1840 kg/m <sup>3</sup> (D1)            |   |                     |
| Gross dry density  | 1780 kg/m <sup>3</sup> (D1)            |   |                     |
| Thermal conductivity Lambda 50/50  | <=0,51 W/m.K                           |   |                     |
| Durability against freeze thaw   | F2                                     |   |                     |
| Dangerous substances   | NPD                                    | 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   | NPD                                    | Value according EN771-1:2011 - 5.3.8  |                     |
| Freeze/thaw resistance   | NPD                                    | B 27-009  |                     |
| Thermal conductivity Lambda 90/90  | NPD                                    |   |                     |
| Thermal conductivity Lambda Ui   | NPD                                    |   |                     |
| Thermal conductivity Lambda Ue   | NPD                                    |   |                     |
| <div><div></div><div></div><div></div><div></div><div></div></div> |  |   |                     |
| 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>  |  | <div>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).</div> |                     |
| <div>*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.</div>   |  |   |                     |