

| Product name | | Product group | Production location |
|--|---|--|-------------------------|
| Alexia | | D5 | Hedikhuizen |
| 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-brown with light and dark shades | | | |
| Format | | | |
| Moulding method | | Hand form | |
| DF: 214 x 101 x 65 mm | | Between batches the average size and color may slightly differ. | |
| Essential Characteristics - EN771-1 | | | |
|  | EN 771-1 - CPR-97880 - NOBO 0063 (ex 0620) |  | EN 771 - 1855-CPR-24912 |
| 2+ | | 2+ | |
| Dimensional tolerances | T2 | | |
| Range | R1 | | |
| Active Soluble Salts | S2 | | |
| Mean Compressive strength | >= 15 N/mm² | Tested to the bed face | |
| Normalized Compressive strength | >= 15 N/mm² | Tested to the bed face | |
| Dimensional stability | NPD | | |
| Bond Strength general | 0,15 N/mm² | | |
| Bond Strength thin layer | 0,30 N/mm² | | |
| Reaction to fire | A1 | Category | |
| Water absorption | <= 10% m/md | | |
| Water vapour permeability | 50/100 | | |
| Net dry density | 2050 kg/m³ (D1) | | |
| Gross dry density | 1880 kg/m³ (D1) | | |
| Thermal conductivity Lambda 50/50 | <=0,60 W/m.K | | |
| Durability against freeze thaw | NPD | EN 772-22 | |
| Dangerous substances | NL-BSB | According to Annex ZA 3 | |
| Other Characteristics | | | |
| Initial rate of water absorption - Non-coated Bricks | 1,5 - 4,0 kg/m².min (IW3) | Value according EN771-1:2011 - 5.3.8 | |
| Initial rate of water absorption - Coated bricks | 0,5 - 1,5 kg/m².min (IW2) | Value according EN771-1:2011 - 5.3.8 | |
| Freeze/thaw resistance - PTV 23-002 | NPD | NBN 27-009 | |
| Thermal conductivity Lambda 90/90 | NPD | | |
| Thermal conductivity Lambda Ui | NPD | | |
| Thermal conductivity Lambda Ue | NPD | | |
| <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> | | 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). | |
| <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> | | | |