



0957



B.V. Steenfabriek Huissenswaard

Postbus 48

NL-6690 AA Gendt

The Netherlands

2006

0957-CPD-0608

NEN-EN 771-1, April 2003, and NEN-EN 771-1/A1, March 2005

category I, HD clay bricks

Production code WSEMA-B

WF Structeau Telica - Exclusief Wijnrood gesinterd

intended for

Handmade facing bricks for interior and exterior use; for decorative or construction walls

<b>Length</b>	210 mm, T2 ( $\pm 4$ mm), R1 (9 mm)
<b>Width</b>	100 mm, T2 ( $\pm 3$ mm), R1 (6 mm)
<b>Thickness</b>	51 mm, T2 ( $\pm 2$ mm), R1 (4 mm)
<b>Appearance</b>	Volle handvorm- of vormbaksteen eventueel met frog (<20% van het volume), Eurogroep 1
<b>Average compressive strength</b>	$\geq 15$ N/mm <sup>2</sup>
<b>Dimensional stability</b>	NPD
<b>Bond strength</b>	0.15 N/mm <sup>2</sup> voor metselwerk en 0.30 N/mm <sup>2</sup> voor lijmwerk
<b>Active soluble salts</b>	S2
<b>Soluble sulphate</b>	$\leq 0,10$ % m/md
<b>Reaction to fire</b>	Euroklasse A1
<b>Water absorption</b>	$\leq 14$ % m/md
<b>Initial rate of water absorption</b>	IW4 Sterk zuigend, >4.0 kg/m <sup>2</sup> .min
<b>Water vapour diffusion coefficient</b>	5/10
<b>Gross dry density</b>	1780 kg/m <sup>3</sup> , D1 (10 %, $\pm 178$ kg/m <sup>3</sup> )
<b>Thermal conductivity</b>	0,52 W/mK ( $\lambda_{10}$ , droog)
<b>Freeze/thaw resistance</b>	F2 Vorstklasse D (NBRL 1007)