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16  
0957-CPR-0608

NEN-EN 771:2011+A1:2015  
category I, HD clay bricks  
Production code DSEMB  
DF Structeau Chenas – Exclusief Maasbruin

intended for

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

<b>Length</b>	215 mm, T2 ( $\pm 4$ mm), R1 (9 mm)
<b>Width</b>	103 mm, T2 ( $\pm 3$ mm), R1 (6 mm)
<b>Thickness</b>	64 mm, T2 ( $\pm 2$ mm), R1 (5 mm)
<b>Appearance</b>	Full handmade- or stockbrick possibly with frog (<20% of the volume), Eurogroup 1
<b>Average compressive strength</b>	$\geq 12,5$ 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>Reaction to fire</b>	Euroklasse A1
<b>Water absorption</b>	$\leq 18$ % m/md
<b>Initial rate of water absorption</b>	IW3 Normaal zuigend, 1.5 – 4.0 kg/m <sup>2</sup> .min
<b>Water vapour diffusion coefficient</b>	5/10
<b>Gross dry density</b>	1650 kg/m <sup>3</sup> , D1 (10%, $\pm 165$ kg/m <sup>3</sup> )
<b>Thermal conductivity</b>	0,52 W/mK ( $\lambda_{10}$ , droog)
<b>Freeze/thaw resistance</b>	F2

The Declaration of Performance (DoP) of this product is available on: [www.capricebaksteen.nl/dop](http://www.capricebaksteen.nl/dop)