



WasteBasedBrick®


# DATASHEET

## ORANGE



# NEN Specification NEN-EN 771 -1

HD, category I, group 1, Fire behaviour A1

<b>Producttype</b>		Perforated	With "frog"	Full
	Mold Box			x
	Extruder			
	Hand production			
<b>Visual Specifications</b>	Color	According to sample		
	Surface	Not sanded		Structured
		Sand	x	Glazed
		Smooth		Engobe
<b>Dimensions (mm)</b>	Length x Width x Height: 290*100*50			
<b>Dimensional tolerances</b>	T1, T2 or Tm <sup>2)</sup>			T1
	2) 10 / 10 / 10 mm for. l, w and h			
<b>Range</b>	R1, R2 of Rm <sup>3)</sup>			Rm
	3) 15 / 10 / 10 mm voor resp. l, b en h			
<b>Initial rate of water absorption<sup>1)</sup></b> (kg/m <sup>2</sup> .min)	Low water absorption	< 0,5		
	Medium water absorption	0,5 - 1,5		
	Normal water absorption	1,5 - 4,0		x
	Strong water absorption	> 4,0		
<b>Water absorption<sup>1)</sup></b>	Water Absorption (mass %)			13%
<b>Gross dry density<sup>1)</sup></b>	Gross dry density (kg/m <sup>3</sup> )			1600
<b>Tolerance density class<sup>1)</sup></b>	D1,D2 of Dm <sup>4)</sup>			D1
	4) ..... %			
<b>Active soluble salts content<sup>3)</sup></b>	Soluble in water Na + K en Mg	S0		
		S1		
		S2		x
<b>Freeze/thaw resistance</b>	F0			
	F2, frostclass C, BRL 1007			
	F2, frostclass D, BRL 1007			x
<b>Thermal conductivity<sup>1)</sup> (W/mK)</b>	[tablevalue]			0,60
<b>Water vapour permeability<sup>1)</sup></b>	[tablevalue]			5/10
<b>Bouwstoffenbesluit</b>	Category1A /1B			1B
<b>Normalised compressive strength<sup>1)</sup> (N/mm<sup>2</sup>)</b>	5.0 / 7.5 / 10.0 / 12.5 / 15.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0, etc.			15
StoneCycling produces on a per project basis. Some product specification may differ. This specification provides an indication of the technical specifications of this product.				 NL BSB K74566/02