



# Specifications for facing bricks

## Perforated bricks

Specification datasheet number: LO 015

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### BRIQUETTERIES DU NORD

Rue Vieille - 59160 LOMME - France

Standard product name	Yellow facing vertically perforated brick HD category II 215 x 103 x 65
Trade product name	<b>AVELEY BUFF</b>

	<b>NF EN 771-1-COMPIL</b>
	12

TECHNICAL CHARACTERISTICS	TESTING STANDARDS	RESULTS
Size in mm (L x w x H)	NF EN 772-16	215 x 103 x 65
Tolerances		T1
Ranges		R1
Average compressive strength	NF EN 772-1	> 25 N/mm <sup>2</sup>
⊥ to the laying face		RC300
Moisture expansion	NF EN 772-19	< 0,6 mm/m
Bond strength	NF EN 998-2	> 0,15 N/mm <sup>2</sup>
Content in active soluble salt	NF EN 772-5	S2
Reaction to fire	NF EN 13501-1	A1 "non-flammable"
Water absorption	NF EN 772-7	12,00 %
Thermal conductivity	NF EN 1745	0,58 W/mK
Thermal mass capacity	NF EN 1745	1,0 Kj/Kg.k
Diffusion coefficient of water vapour	NF EN 1745	μ = 5/10
Gross density	NF EN 772-13	2000 kg/m <sup>3</sup>
Tolerance class		D1 10 %
Configuration		Cf. schematics
Percentage of void	NF EN 772-3	11,00 %
Initial rate of water absorption	NF EN 772-11	1,20 kg/m <sup>2</sup> .minute
Percentage of perforation	NF EN 772-3	25 to 70 %
Durability against frost and thaw	NF EN 772-8	F2 "severe exposure"
Efflorescence	NF P13304	Absence of efflorescence