


# Declaration of Performance Sahara

No: KE007/02E

1. Product definition	Category 1 fired brick for indoors and outdoors use
2. Product standard	In walls, columns and partitions according to SFS-EN771-1
3. Producer	Keramia Oy, Mjösundintie 1101, FI-25730 Mjösund FINLAND
5. AVCP-procedure	AVCP 2+
6a. Harmonized standard	EN 771-1:2012+A1:2015 Inspecta Sertifiointi Oy (0416) certification nr. 0416-CPD-5414-04

## 7. Performance:

Water absorption	max 9 %	
Initial rate of water	max 1,1 kg/m <sup>2</sup> /min	
Bond strength	≥ 0,16 N/mm <sup>2</sup> (Weber M5 mortar)	
Reaction to fire	Euro A1	
Frost durability	F2 class (SFS7001/1)	
Configuration	Hollow brick (Vertical) Hollow-group 2	
Vapour permeability	5/10 EN 1745	

Product code	Dimensions			Tolerance T1			Variation R1			Thermal Conductivity EN1745; A; P=50% W/mK	Compression strength N/mm <sup>2</sup>	Gross dry density D1 (± 10%) Kg/m <sup>3</sup>
	Length mm	Width mm	Height mm	L mm ±	W mm ±	H mm ±	L mm ±	W mm ±	H mm ±			
MRT60	285	85	60	7	4	3	10	6	5	0,37	45	1 510
MRT75	285	85	75	7	4	4	10	6	5	0,37	45	1 510
MRT85	285	85	85	7	4	4	10	6	6	0,37	45	1 500
RT60	285	135	60	7	5	3	10	7	5	0,30	35	1 340
RT75	285	135	75	7	5	4	10	7	5	0,34	35	1 460

Signature	 Mjösund, 30.09.2021 Ulrika Theqvist-Fromholdt Quality & Environmental Manager	 <b>TIILERI</b>
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