


Declaration of Performance

Red


No: KE003/01E

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-5414-03

7. Performance:

Water absorption	max 13 %	
Initial rate of water	max 2,5 kg/m ² /min	
Bond strength	≥ 0,16 N/mm ² (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 ²	Gross dry density D1 (± 10%) Kg/m ³
	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	5	4	0,34	25	1 360
MRT75	285	85	75	7	4	3	10	5	5	0,34	30	1 320
MRT85	285	85	85	7	4	4	10	5	5	0,34	35	1 350
NRT75	270	130	75	6	5	3	9	6	5	0,37	30	1 340
NRT60	270	130	60	6	5	3	9	6	4	0,37	25	1 380
RT60	285	135	60	7	5	3	10	6	4	0,37	25	1 344
RT75	285	135	75	7	5	4	10	6	5	0,37	30	1 370
RT85	285	135	85	7	5	4	10	6	5	0,37	25	1 380

Signature	 Mjösund, 02.01.2019 Heikki Ryöppy, Managing Director	 TIILERI
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