


# Declaration of Performance **Tuhka**


No: KE008/03E

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-CPR-5414

## 7. Performance:

Water absorption	max 11 %	
Initial rate of water	max 1,7 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	SFS7001, 4.1 Annex1, method 1 (25 cycles)	
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	0,30	35	1 350
MRT75	285	85	75	7	4	4	10	6	5	0,30	35	1 350
MRT85	285	85	85	7	4	4	10	6	6	0,30	35	1 330
RT60	285	135	60	7	5	3	10	7	5	0,26	35	1 250
RT75	285	135	75	7	5	4	10	7	5	0,30	35	1 320

Signature	Mjösund, 16.09.2024	
	<p><i>Ulrika Theqvist</i></p> <p>Ulrika Theqvist Quality &amp; Environmental Manager</p>	