Declaration of performance: Polar

Nr: YL005/03

1. Product definition	Category 1 fired brick for indoors and outdoors use
2. Product standard	In walls, columns and partitions according to SFS-EN 771-1:2011+A1:2015
3. Producer	Ylivieskan Tiili Oy, Lentokentäntie 833, 84880 Ylivieska, FINLAND
5. AVCP-procedure	AVCP 2+
6. Harmonized standard	EN 771-1:2011+A1:2015 Approved and audited by Kiwa Sertifiointi Oy (0416) certification nr. **0416-CPR-5907**

7. Performance

Water absorption	max 20 %	
Initial rate of water	max 5,0 kg/m2/min	
Reaction to fire	Euro A1	
Frost durability	SFS7001, 4.1 Annex 1, method 1 (25 cycles)	
Product shape	Vertically perforated	Group 2
Vapour permeability	5/10 EN 1748	

CE

Dimensions	Nominal dimension			Tolerance T1			Variation R1			Thermal conductivity EN1745; A; P=50%	Compres-sion strength N/mm2	Gross dry density kg/m3 D1 (± 10%)
Product code	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	20	1 310
MRT75	285	85	75	7	4	3	10	6	5	0,30	20	1 330
MRT85	285	85	85	7	4	4	10	6	6	0,30	20	1 340
NRT75	270	130	75	6	5	3	10	7	5	0,26	20	1 240
NRT60	270	130	60	6	5	3	10	7	5	0,26	20	1 240
RT60	285	135	60	7	5	3	10	7	5	0,26	20	1 220
RT75	285	135	75	7	5	4	10	7	5	0,26	20	1 220
RT85	285	135	85	7	5	4	10	7	6	0,26	20	1 230
SNF RT62	250	120	62	6	4	3	9	7	5	0,23	20	1 190
ARF RT65	250	120	65	6	4	3	9	7	5	0,23	20	1 190
DNF RT54	228	108	54	6	4	3	9	6	4	0,23	20	1 190

The performance of this product is in accordance with the specifications above

Ylivieska 4.11.2026

Ulrika Theqvist

Quality & environmental manager

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