


Declaration of Performance Laava, Noir & Pusta

No: KE016/03E

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|-------------------------|---|
| 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:

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| Water absorption | max 10 % |  |
| Initial rate of water | max 1,9 kg/m ² /min | |
| Bond strength | ≥ 0,16 N/mm ² (Weber M5 mortar) | |
| Reaction to fire | Euro A1 | |
| Frost durability | SFS7001, 4.1 Annex 1, 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 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 | 6 | 5 | 0,30 | 25 | 1 330 |
| MRT75 | 285 | 85 | 75 | 7 | 4 | 4 | 10 | 6 | 5 | 0,30 | 25 | 1 320 |
| MRT85 | 285 | 85 | 85 | 7 | 4 | 4 | 10 | 6 | 6 | 0,30 | 25 | 1 330 |
| RT60 | 285 | 135 | 60 | 7 | 5 | 3 | 10 | 7 | 5 | 0,30 | 25 | 1 320 |
| RT75 | 285 | 135 | 75 | 7 | 5 | 4 | 10 | 7 | 5 | 0,30 | 25 | 1 350 |
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| Signature | Mjösund, 16.09.2024 |  |
| |  Ulrika Theqvist Quality & Environmental Manager | |