


# Declaration of Performance **Tinto,FerroR**

No: KE017/01E

|                         |  |
|-------------------------|--|
| 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-5414-04 |

## 7. Performance:

|                       |  |   |
|-----------------------|--|---|
| Water absorption      | max 10 %                               |  |
| Initial rate of water | max 1,6 kg/m2/min                      |   |
| Bond strength         | ≥ 0,16 N/mm2 (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/mm2 | Gross dry density D1 (± 10%) Kg/m3 |
|--------------|------------|----------|-----------|--------------|--------|--------|--------------|--------|--------|--|----------------------------|------------------------------------|
|              | 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      | 0,34                                       | 35                         | 1 480                              |
| RT60         | 285        | 135      | 60        | 7            | 5      | 3      | 10           | 7      | 5      | 0,37                                       | 35                         | 1 510                              |
|              |            |          |           |              |        |        |              |        |        |  |                            |                                    |
|              |            |          |           |              |        |        |              |        |        |  |                            |                                    |
|              |            |          |           |              |        |        |              |        |        |  |                            |                                    |
|              |            |          |           |              |        |        |              |        |        |  |                            |                                    |

|           |   |   |
|-----------|---|---|
| Signature |  | <br><b>TIILERI</b> |
|           | Mjösund, 07.10.2021<br>Ulrika Theqvist-Fromholdt<br>Quality & Environmental Manager |   |