


# Declaration of performance: Y-Red

Nr: YL001/01

|                        |   |
|------------------------|---|
| 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 Inspecta Sertifiointi Oy (0416) certification nr. <b>0416-CPR-5907-01</b> |

## 7. Performance

|                       |  |         |   |
|-----------------------|--|---------|---|
| Water absorption      | max 20 %                                   |         |  |
| Initial rate of water | max 5,0 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      | F2 class (SFS7001/1)                       |         |   |
| Product shape         | Vertically perforated                      | Group 2 |   |
| Vapour permeability   | 5/10 EN 1748                               |         |   |

| Dimensions          | Nominal dimension |          |           | Tolerance T1 |        |        | Variation R1 |        |        | Thermal conductivity<br>EN1745; A;<br>P=50% | Compression strength<br>N/mm <sup>2</sup> | Gross dry density<br>kg/m <sup>3</sup> D1<br>(± 10%) |
|---------------------|-------------------|----------|-----------|--------------|--------|--------|--------------|--------|--------|---|---|--|
|                     | Length mm         | Width mm | Height mm | L mm ±       | W mm ± | H mm ± | L mm ±       | W mm ± | H mm ± |   |   |  |
| <b>Product code</b> |                   |          |           |              |        |        |              |        |        |   |   |  |
| MRT60               | 285               | 85       | 60        | 7            | 4      | 3      | 10           | 6      | 5      | 0,34  | 35  | 1 443  |
| MRT75               | 285               | 85       | 75        | 7            | 4      | 3      | 10           | 6      | 5      | 0,34  | 35  | 1 452  |
| MRT85               | 285               | 85       | 85        | 7            | 4      | 4      | 10           | 6      | 6      | 0,34  | 35  | 1 463  |
| NRT75               | 270               | 130      | 75        | 6            | 5      | 3      | 10           | 7      | 5      | 0,34  | 35  | 1 470  |
| NRT60               | 270               | 130      | 60        | 6            | 5      | 3      | 10           | 7      | 5      | 0,30  | 35  | 1 459  |
| RT60                | 285               | 135      | 60        | 7            | 5      | 3      | 10           | 7      | 5      | 0,34  | 35  | 1 459  |
| RT75                | 285               | 135      | 75        | 7            | 5      | 4      | 10           | 7      | 5      | 0,30  | 30  | 1 392  |
| RT85                | 285               | 135      | 85        | 7            | 5      | 4      | 10           | 7      | 6      | 0,34  | 35  | 1 495  |
| RT85 piipputiili    | 277               | 145      | 85        | 6            | 5      | 4      | 10           | 7      | 6      | 0,34  | 35  | 1 479  |
| PRT57               | 257               | 123      | 57        | 6            | 4      | 3      | 10           | 7      | 5      | 0,34  | 40  | 1 490  |
| SNF RT62            | 250               | 120      | 62        | 6            | 4      | 3      | 9            | 7      | 5      | 0,34  | 35  | 1 460  |
| ARF RT65            | 250               | 120      | 65        | 6            | 4      | 3      | 9            | 7      | 5      | 0,34  | 35  | 1 462  |
| DNF RT54            | 228               | 108      | 54        | 6            | 4      | 3      | 9            | 6      | 4      | 0,34  | 35  | 1 422  |

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



Ylivieska, 1.6.2020  
Heikki Ryöppy, MD

