

DECLARATION OF PERFORMANCE

Nro. 097-FF-2015-04-14

1. **Unique identification code of the product-type:** Tulppa wetroom board -80mm
2. **Allowing identification of the construction product:** EAN-Code: 64 18711 33080 6
3. **Intended uses of the construction product:** The boards are used for waterproofing wet rooms, as well as various structures in wet areas as building board. Product applications are specified in the web site www.tulppa.fi.
4. **Name, registered trade name and contact address of the manufacturer:**

Finnfoam Oy (0689386-6)
Satamakatu 5
24100 Salo, Finland
Tel. +358 2 777 300
Fax: +358 2 777 3020
Email: finnfoam@finnfoam.fi
5. **System of attestation of conformity** AVCP 2+
6. **Declaration of performance concerning a construction product for which a European Technical Assessment has been issued:** VTT Expert services (NB.0809) issued European Technical Assessment ETA-13/0820, on the basis of Etag 022 part 3, after performed product plant and internal factory production control initial inspection under system 2+ and issued factory production control certificate of conformity no.0809-CPD-0809.
9. **Declared performance:**

Tulppa[®]
MÄRKÄTILALEVY

| Essential characteristics | Performance | European Technical Assessment |
|--|---|-------------------------------|
| Reaction to fire | F | Etag 022-3 |
| Release of dangerous substances | No releases/M1 | |
| Water vapour transmission Kg/(msPa) | XPS core: $\leq 1,5 \times 10^{-12}$ Board joints without adhesive: $\leq 6 \times 10^{-9}$ | |
| Moisture resistance | Tulppa 80mm: 19×10^{-12} Kg/(m ² s Pa) | |
| Water tightness (board) | Watertight | |
| Crack bridging ability | NPD | |
| Bond strength | ARDEX X 77: Category 1 $\geq 0,2$ MPa Casco Multifix Superflex 4142: Category 2 $\geq 0,3$ MPa Schönox SEK 4144: Category 2 $\geq 0,3$ MPa Weber.vetonit RF: Category 1 $\geq 0,2$ MPa | |
| Joint bridging ability Ardex CA 20 P Sikaflex AT-connection Casco Aquaseal | Category 2: Watertight | |
| Watertightness around penetrations Ardex 8+9 Ardex S 1-K Casco Aquastop Weber.Vetonit WP | Category 2: Watertight | |
| Thermal conductivity λ_D | 0,037 W/mK | |
| Resistance to temperature | Bond strength: ARDEX X 77: Category 1 $\geq 0,2$ MPa Casco Multifix Superflex 4142: Category 2 $\geq 0,3$ MPa Schönox SEK 4144: Category 2 $\geq 0,3$ MPa Weber.vetonit RF: | |

| | | |
|--------------------------|---|------------|
| | Category 1 $\geq 0,2$ MPa Bending strength: Change after heat ageing ≤ 20 % | |
| Resistance to water | Pass | Etag 022-3 |
| Resistance to alkalinity | Category 2: Bond strength $\geq 0,3$ MPa | |
| Repairability | Repairable | |
| Thickness | 80 mm | |

Safety data sheet: www.tulppa.fi/kayttoturvallisuustiedote

Signed for and on behalf of the manufacturer by:

Henri Nieminen, CEO

Salo 14.4.2015



(Signature)