

## DECLARATION OF PERFORMANCE

Nro. 096-FF-2015-04-14

1. **Unique identification code of the product-type:** Tulppa wetroom board -50mm
2. **Allowing identification of the construction product:** EAN-Code: 64 18711 33050 9
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](http://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](mailto: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**<sup>®</sup>  
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 50mm: $31 \times 10^{-12}$ Kg/(m <sup>2</sup> s Pa)	
Water tightness (board)	Watertight	
Crack bridging ability	NPD	
Bond strength	<b>ARDEX X 77:</b> Category 1 $\geq 0,2$ MPa <b>Casco Multifix Superflex 4142:</b> Category 2 $\geq 0,3$ MPa <b>Schönox SEK 4144:</b> Category 2 $\geq 0,3$ MPa <b>Weber.vetonit RF:</b> Category 1 $\geq 0,2$ MPa	
Joint bridging ability <b>Ardex CA 20 P</b> <b>Sikaflex AT-connection</b> <b>Casco Aquaseal</b>	Category 2: Watertight	
Watertightness around penetrations <b>Ardex 8+9</b> <b>Ardex S 1-K</b> <b>Casco Aquastop</b> <b>Weber.Vetonit WP</b>	Category 2: Watertight	
Thermal conductivity $\lambda_D$	0,035 W/mK	
Resistance to temperature	<b>Bond strength:</b> <b>ARDEX X 77:</b> Category 1 $\geq 0,2$ MPa <b>Casco Multifix Superflex 4142:</b> Category 2 $\geq 0,3$ MPa <b>Schönox SEK 4144:</b> Category 2 $\geq 0,3$ MPa <b>Weber.vetonit RF:</b>	

	Category 1 $\geq 0,2$ MPa <b>Bending strength:</b> Change after heat ageing $\leq 20$ %	
Resistance to water	Pass	Etag 022-3
Resistance to alkalinity	Category 2: Bond strength $\geq 0,3$ MPa	
Repairability	Repairable	
Thickness	50 mm	

Safety data sheet: [www.tulppa.fi/kayttoturvallisuustiedote](http://www.tulppa.fi/kayttoturvallisuustiedote)

Signed for and on behalf of the manufacturer by:

Henri Nieminen, CEO

Salo 14.4.2015



(Signature)