

DECLARATION OF PERFORMANCE

Nro. 094-FF-2019-01-01

1. **Unique identification code of the product-type:** Tulppa wetroom board -20mm
2. **Allowing identification of the construction product:** Check label.
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:**

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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:**

Eurofins 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-CPR-1187.

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9. Declared performance:

Essential characteristics	Performance	European Technical Assessment
Reaction to fire	NPD	Etag 022-3
Release of dangerous substances	No releases/M1	
Water vapour transmission Kg/(msPa)	XPS core: ≤ 1,5 x 10 ⁻¹² Board joints without adhesive: ≤ 6 x10 ⁻⁹	
Moisture resistance	Tulppa 20mm: 83 x 10 ⁻¹² Kg/(m ² s Pa)	
Water tightness (board)	Water tight	
Crack bridging ability	NPD	
Bond strength	ARDEX X 77: Category 1 ≥ 0,2MPa Casco Multifix Superflex: Category 1 ≥ 0,2 MPa Schönox Q 12: Category 1 ≥ 0,2 MPa Kiilto superfix DF: Category 1 ≥ 0,2 MPa Kiilto highflex S2 DF: Category 1 ≥ 0,2 MPa Weber rex fix: Category 1 ≥ 0,2 MPa Fescon VSL: Category 1 ≥ 0,2 MPa	
Joint bridging ability Ardex CA 20 P Sikaflex AT-connection Casco Aquaseal	Category 2: Water tight	
Watertightness around penetrations Ardex 8+9 Ardex S 1-K Casco Aquastop Weber.Vetonit WP	Category 2: Water tight	
Thermal conductivity λ _D	0,033 W/mK	
Resistance to temperature	Bond strength:	

	<p>ARDEX X 77: Category 1 $\geq 0,2$MPa</p> <p>Casco Multifix Superflex: Category 1 $\geq 0,2$ MPa</p> <p>Schönox Q 12: Category 1 $\geq 0,2$ MPa</p> <p>Kiilto Superfix DF: Category 1 $\geq 0,2$ MPa</p> <p>Kiilto Highflex S2 DF: Category 1 $\geq 0,2$ MPa</p> <p>Weber rex fix: Category 1 $\geq 0,2$ MPa</p> <p>Fescon VSL: Category 1 $\geq 0,2$ MPa</p> <p>Bending strength: Change after heat ageing ≤ 20 %</p>	
Resistance to water	Pass	Etag 022-3
Resistance to water	<p>Bond strength:</p> <p>ARDEX X 77: Category 1 $\geq 0,2$MPa</p> <p>Casco Multifix Superflex: Category 1 $\geq 0,2$ MPa</p> <p>Schönox Q 12: Category 1 $\geq 0,2$ MPa</p> <p>Kiilto Superfix DF: Category 1 $\geq 0,2$ MPa</p> <p>Kiilto Highflex S2 DF: Category 1 $\geq 0,2$ MPa</p> <p>Weber rex fix: Category 1 $\geq 0,2$ MPa</p> <p>Fescon VSL: Category 1 $\geq 0,2$ MPa</p>	
Resistance to alkalinity	<p>Tulppa –board Category 2 $\geq 0,2$ MPa</p>	
Repairability	Repairable	
Thickness	20 mm	

Safety data sheet: www.tulppa.fi/kayttoturvallisuustiedote

Signed for and on behalf of the manufacturer by:

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Henri Nieminen, CEO

Salo 1.1.2019



(Signature)