

# Declaration of Performance



DoP Nr.: F-EPST5-040-T-2013-A

1.	Unique Code of the product:	FLOORTEC TSWD EPS T DES sg, Poly Faltbahn EPS T DES sg (WLG 040, 5kPa)
2.	Types, batch or serial number or another characteristic for the identification of the building product in accordance with article 11, paragraph 4:	see enclosed Label
3.	Use planned by the manufacturer or scheduled uses of the building product in accordance with the applicable harmonized technical specification:	Insulation of buildings
4.	Name, registered trade name or registered brand and contact address of the manufacturer in accordance with article 11 paragraph 5:	Rettig ICC bv. Australiëlaan 6 NL-6199 AA Maastricht-Airport Tel.: +31 (0) 43 358 58 70 Fax: +31 (0) 43 358 58 71 www.rettigicc.com
5.	Is if necessary name and contact address of the assignee, this one, engaged to do the tasks in accordance with article 12, paragraph 2:	Rettig Austria GmbH Vogel und Noot Str. 4 A-8661 Wartberg Tel.: +43 (0) 3858 601 Fax: +43 (0) 3858 601 1298 www.vogelundnoot.com
6.	Systems for the assessment and check of the performance resistance of the building product in accordance with appendix V:	System 3
7.	Type checkings after the system 3 were carried out and the following was exhibited:	Test reports for the burning characteristics, thermal resistance and compressive strength
8.	A European technical assessment has been issued to the performance explanation in the case for which which concerns a building product:	Not applicable
9.	Professed performance:	EN 13163-L(3)-W(3)-T(1)-S(5)-P(5)-DS(N)5-BS50-SDI-CP2

Essential features	Performance	Harmonized technical specification
Burning characteristics, euro classes - characteristics	Burning characteristics	Euroclass E
Water permeability	Water absorption	NPD 2)
Release of dangerous substances into the building inside	Release of dangerous substances <sup>1)</sup>	NPD 2)
Air sound absorption	Dynamic stiffness	NPD 2)
Index of acoustic absorption	—	NPD 2)
Step sound transmission	Dynamic stiffness	see table B
	Thickness, d <sub>t</sub>	NPD 2)
	Compressibility	CP2
Continuously glowing	Continuously glowing <sup>1)</sup>	NPD 2)
Thermal resistance	Thermal resistance	see table A
	Heat conductivity	0,040 W/mK
	Nominal thickness	T(1)
Water vapour diffusion	Water vapour diffusion	NPD 2)
Compression strength	Compression strength at 10 % compression	NPD 2)
	Deformation under defined pressure and temperature use	NPD 2)
	Bending strength (boundary value)	BS 50
Tensile-/ bending strength	Bending strength	BS 50
	Tensile strength vertical vertical to plate level	NPD 2)
Resistance of the burning characteristics against heat, weather influences, ageing/reduction	<sup>3)</sup>	fulfilled
Resistance of the thermal resistance against heat, weather influences, ageing/reduction	Thermal resistance and heat conductivity	fulfilled
	Dimensional stability	DS(N)5
	Characteristics of resistance	fulfilled
	Dimensional stability under defined temperature and air humidity conditions	NPD 2)
	Deformation at fixed pressure and temperature use	NPD 2)
	Frost- rope change use	NPD 2)
Durability of the compressive strength under influence of ageing/reduction	Creep characteristics	NPD 2)
	Frost- rope change use	NPD 2)
	Long-term thickness reduction	NPD 2)

EN 13163:2012

1) A test procedure is worked out at present. As soon as it is available, this performance declaration will be changed correspondingly.

2) No Performance determined; (for this performance no requirement on the product is made)

3) The burning characteristics of EPS products don't deteriorate with the time.

If in accordance with the articles 37 or 38 the specific technical documentation was used, the requirements which the product fulfills: Not applicable

Table A: Thermal resistances in accordance with EN 13163:2012

Nominal thickness [mm]	20-2	25-2	30-2	#REF!	#REF!	#REF!
Thermal resistance [m²K/W]	0,50	0,63	0,75	#REF!	#REF!	#REF!

Table B: Dynamic stiffness SDi in accordance with EN 13163:2012

Nominal thickness [mm]	20-2	25-2	30-2	#REF!	#REF!	#REF!
Thermal resistance [m²K/W]	30	30	20	#REF!	#REF!	#REF!

10. The performance of the product in accordance with the numbers 1 and 2 corresponds to the professed performance after number 9. Responsible for the construction of this performance explanation is alone the manufacturer in accordance with number 4. Signs for the manufacturer and on behalf of the manufacturer of:

Maastricht 14-10-2013

Jos Bongers  
Chief Operations Officer  
Rettig ICC bv

Johan Struyf  
Director Research & Development  
Rettig ICC bv