

# Declaration of Performance



DoP Nr.: F-EPS20-035-D-2013-D

|   |   |
|---|---|
| 1. Unique Code of the product:  | FLOORTEC Trockensystem EPS 200, WLG035  |
| 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.<br>Australiëlaan 6<br>NL-6199 AA Maastricht-Airport<br>www.rettigicc.com   |
| 5. 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<br>Vogel und Noot Str. 4<br>A-8661 Wartberg<br>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:   | EPS-EN 13163-L(3)-W(3)-T(2)-S(5)-P(10)-DS(N)5-DLT(1)5-CS(10)240-BS150                     |

| 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   | NPD 2)                             |
|  | Thickness, d <sub>1</sub>   | NPD 2)                             |
|  | Compressibility   | NPD 2)                             |
| Continuously glowing   | Continuously glowing <sup>1)</sup>  | NPD 2)                             |
| Thermal resistance   | Thermal resistance  | see table A                        |
|  | Heat conductivity   | 0,035 W/mK                         |
|  | Nominal thickness   | T(2)                               |
| Water vapour diffusion   | Water vapour diffusion  | NPD 2)                             |
| Compression strength   | Compression strength at 10 % compression                                    | CS(10)200                          |
|  | Deformation under defined pressure and temperature use                      | DLT(1)5                            |
| Tensile-/ bending strength   | Bending strength (boundary value)   | BS 50                              |
|  | Bending strength  | BS 150                             |
|  | 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 | DS(70-)-J3                         |
|  | Deformation at fixed pressure and temperature use                           | NPD 2)                             |
| Durability of the compressive strength under influence of ageing/reduction                   | Frost- rope change use  | NPD 2)                             |
|  | Creep characteristics   | NPD 2)                             |
|  | Frost- rope change use  | NPD 2)                             |
|  | Long-term thickness reduction   | NPD 2)                             |

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]     | 30   |
| Thermal resistance [m²K/W] | 0,85 |

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