

# Declaration of Performance 0601 12 15

EN 1013: 2012 + A1: 2014 | 0672

## Rhenoplast LS OV



|  |  |
|--|--|
| <b>1. Unique identification code of the product type</b> | <b>Rhenoplast<br/>Rhenoplast LS OV (1.2 mm and 1.5 mm)</b>   |
| <b>2. Intended use</b>                                   | Light transmitting single skin profiled PVC-U panels for internal and external use in roofs, walls and ceilings as well as roof covering products for discontinuous laying |
| <b>3. Manufacturer</b>                                   | FDT FlachdachTechnologie GmbH & Co. KG<br>Eisenbahnstraße 6-8, D-68199 Mannheim  |
| <b>4. Authorised representative</b>                      | <b>Not relevant</b> (see 3.)   |
| <b>5. Constancy of performance</b>                       | <b>System 3</b>  |
| <b>6. a) Harmonised standard</b>                         | <b>DIN EN 1013:2012+A1:2014</b>  |
| <b>Notified body</b>                                     | <b>0672</b>  |
| <b>6. b) European Assessment Document</b>                | <b>Not relevant</b> (see 7.)   |
| <b>European Technical Assessment</b>                     | <b>Not relevant</b> (see 7.)   |
| <b>Technical Assessment Body</b>                         | <b>Not relevant</b> (see 7.)   |
| <b>Notified body</b>                                     | <b>Not relevant</b> (see 7.)   |

**7. Declared performance**

(Harmonised technical specification according to EN 1013:2012+A1:2014, table ZA. 1.1 and ZA. 1.2)

| Essential characteristics                | Performance                          | Test method  | Scope of application  |  |
|--|--------------------------------------|--|---|--|
|  |                                      |  | Internal and external use in walls and ceilings according to table ZA.1.2 | Roof covering products according to table ZA.1.1 |
| External fire performance                | F <sub>Roof</sub> (KLF/NPD)          | CEN/TS 1187, classification according to EN 13501-5    |   | ■  |
| Reaction to fire                         | Class E                              | EN ISO 11925-2, classification according to EN 13501-1 | ■   | ■  |
| Water/air permeability                   | Passed                               |  | ■   | ■  |
| Dimensional tolerances                   | Passed                               |  |   | ■  |
| Water vapour permeability                | 0.8 x 10 <sup>-5</sup> (mg/(m*h*Pa)) | EN ISO 12572   | ■   | ■  |
| Release of hazardous substances          | KLF/NPD                              |  | ■   | ■  |
| Small hard body impact resistance        | Passed                               | EN 6603-1  | ■   | ■  |
| Large soft body impact resistance        | NPD                                  |  |   | ■  |
| Flexural/tensile strength as             |                                      |  |   |  |
| Flexural modulus                         | 2500 MPa                             | ISO 178  | ■   |  |
| Rigidity coefficient [E·t³]              | 4.3 Nm                               |  | ■   | ■  |
| Resistance to fixings                    | Approval Z-14.1-4 Appendix 4.10      |  | ■   |  |
| Durability, as variation (after ageing): |                                      |  |   |  |
| - of yellowness index                    | 10 (B0)                              | EN ISO 11664-1/EN ISO 11664-2                          | ■   | ■  |
| - of light transmittance                 | ≤ 10 % (B0)                          | EN ISO 13468-1/EN ISO 13468-2                          | ■   | ■  |
| - of flexural/tensile strength           |                                      |  | ■   | ■  |
| > flexural strength and                  | > 20 % to ≤ 30 % (B0)                |  |   |  |
| > elasticity modulus                     | > 20 % to ≤ 30 % (B0)                |  |   |  |

**8. Declaration**

The performance of the product identified above is in conformity with the set of declared performance(s). This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



ass. jur. Joachim Gussner, Managing Director  
Mannheim, 1 July 2016