

## **Declaration of Performance (CE) – Ref.No 053**

acc. to REGULATION (EU) No 305/2011 Article 4

| product-type  | HPL composite panel VE100/101-AR   |                        |              |                         |
|---|--|------------------------|--------------|-------------------------|
| 2. Identification   | VE100/101-AR: Duropal Element P2 / Duropal Element microPLUS® P2 / Duropal Element XTreme P2 /<br>Duropal Element XTreme Touch P2 / Duropal Element XTreme plus P2 / Duropal Element SolidColor P2<br>Duropal Element SolidColor XTreme P2 |                        |              |                         |
| 3. Intended use   | HPL composite panel intended for internal wall and ceiling finishes (including suspended ceilings)   |                        |              |                         |
| 4. Manufacturer   | Pfleiderer Arnsberg GmbH, Westring 19 – 21, D – 59759 Arnsberg   |                        |              |                         |
| 5. Authorised representative  | Pfleiderer Deutschland GmbH, Ingolstädter Str. 51, D – 92318 Neumarkt  |                        |              |                         |
| <ol> <li>System of assessment and verification</li> </ol>   | System 4   |                        |              |                         |
| 7. Assessment of performance  | not relevant   |                        |              |                         |
| <ol> <li>European Technical<br/>Assessment</li> </ol>   | not relevant   |                        |              |                         |
| 9. Declared performance   |  |                        |              |                         |
| Identification code   | VE100/101-AR   | VE100/101-AR           | VE100/101-AR |                         |
| Thickness   | 9.6 mm   | 16–25 mm               | 29.6–39.6 mm | Harmonised              |
| Essential characteristics/main features   |  | <br>Declared performan |              | technical specification |
| Reaction to fire (Euroclass)  | NPD  | D-s2,d0                | NPD          | EN 438-7:2005           |
| Fire resistance   | NPD  | 0 32,00                |              | EN 400 7.2000           |
| Water vapour permeability (wet cup)   | 15   |                        |              |                         |
| Water vapour permeability (dry cup)   | 50   |                        |              |                         |
| Resistance to fixings (face)  | ≥ 40 N/mm  | ≥ 600 N                |              |                         |
| Resistance to fixings (edge)  | NPD  | ≥ 350 N                | ······       |                         |
| Direct airborne sound insulation  | NPD  | - 000 11               |              |                         |
|   | ≥ 0.6 N/mm <sup>2</sup><br>≥ 0.6 N/mm <sup>2</sup>   |                        |              |                         |
| Bonding strength  |  |                        |              |                         |
| Bonding strength<br>Flexural tensile strength   |  |                        |              |                         |
| Flexural tensile strength   | approx. 0.14 W/(mK)  |                        |              |                         |
| Flexural tensile strength Thermal conductivity  | approx. 0.14 W/(mK)<br>≤ 3 ppm   |                        |              |                         |
| Flexural tensile strength Thermal conductivity content of pentachlorophenol   | approx. 0.14 W/(mK)<br>≤ 3 ppm<br>E1 E05   |                        |              |                         |
| Flexural tensile strength Thermal conductivity  | ≤ 3 ppm  |                        |              |                         |
| Flexural tensile strength Thermal conductivity content of pentachlorophenol   | ≤ 3 ppm<br>E1 E05  |                        |              |                         |
| Flexural tensile strength<br>Thermal conductivity<br>content of pentachlorophenol<br>Formaldehyde release                     | ≤ 3 ppm<br>E1 E05<br>TSCA Title VI   |                        |              |                         |
| Flexural tensile strength<br>Thermal conductivity<br>content of pentachlorophenol<br>Formaldehyde release<br>Sound absorption | ≤ 3 ppm<br>E1 E05<br>TSCA Title VI<br>NPD  |                        |              |                         |

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NPD: performance not defined