

**DoP (declaration of performance)**  
**Declaration of performance**  
**Nr. 685.1.2**

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Unique identification                                                                                                                                                                                                                | Each package is labelled with a unique batch number that can be traced back to the specifications drafted for this adhesive.                                                                                                                                                                                                                                                           |                                                                                                                                                            |
| 2. Designation                                                                                                                                                                                                                          | Forbo Eurocol Nederland 685 Eurocoat; a dispersion-based sealing paste.                                                                                                                                                                                                                                                                                                                |                                                                                                                                                            |
| 3. Application                                                                                                                                                                                                                          | Ready-to-use, flexible, waterproof sealing paste for use under tiling on walls and floors indoors.                                                                                                                                                                                                                                                                                     |                                                                                                                                                            |
| 4. Name and contact address manufacturer                                                                                                                                                                                                | <i>Forbo Eurocol Nederland B.V.</i><br><i>Industrieweg 1-2</i><br><i>NL-1521 NA Wormerveer The Netherlands</i><br><i>Tel. +31 75 6271600</i><br><i>Email: info.eurocol@forbo.com</i>                                                                                                                                                                                                   |                                                                                                                                                            |
| 5. Name and contact address authorized                                                                                                                                                                                                  | n/a                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                            |
| 6. System of assessment and verification of constancy of performance                                                                                                                                                                    | 3                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                            |
| 7. Activity of the notified certification body as required by the harmonized standard                                                                                                                                                   | The registered certifying body Belgian Building Research Institute (BBRI), identification no. 1136, performed the activities under system 3 and showed that the sealing paste in question fulfils the initial type certification requirements described in Annex ZA of NEN-EN 14891:2012+C1:2012 and issued the certification of performance constancy and the conformity certificate. |                                                                                                                                                            |
| 8. European Technical Assessment                                                                                                                                                                                                        | n/a                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                            |
| 9. Declared performance                                                                                                                                                                                                                 | DM in accordance with NEN-EN 14891:2012+C1:2012; High-grade, dispersion-based, applied in liquid form, waterproof membrane for use under ceramic tiling in combination with a D2 or C2 adhesive in accordance with NEN-EN 12004:2007+A1:2012.                                                                                                                                          |                                                                                                                                                            |
| <b>Essential characteristics</b>                                                                                                                                                                                                        | Performance                                                                                                                                                                                                                                                                                                                                                                            | Test method                                                                                                                                                |
| Initial adhesive strength                                                                                                                                                                                                               | $\geq 0.5 \text{ N/mm}^2$                                                                                                                                                                                                                                                                                                                                                              | NEN-EN 14891:2012+C1:2012, A.6.2                                                                                                                           |
| Adhesive strength after water exposure                                                                                                                                                                                                  | $\geq 0.5 \text{ N/mm}^2$                                                                                                                                                                                                                                                                                                                                                              | NEN-EN 14891:2012+C1:2012, A.6.3 or A.6.4                                                                                                                  |
| Heat exposure                                                                                                                                                                                                                           | $\geq 0.5 \text{ N/mm}^2$                                                                                                                                                                                                                                                                                                                                                              | NEN-EN 14891:2012+C1:2012, A.6.5                                                                                                                           |
| Adhesive strength after water exposure and freeze/thaw                                                                                                                                                                                  | $\geq 0.5 \text{ N/mm}^2$                                                                                                                                                                                                                                                                                                                                                              | NEN-EN 14891:2012+C1:2012, A.6.6                                                                                                                           |
| Adhesive strength after contact with limewater                                                                                                                                                                                          | $\geq 0.5 \text{ N/mm}^2$                                                                                                                                                                                                                                                                                                                                                              | NEN-EN 14891:2012+C1:2012, A.6.9                                                                                                                           |
| Water permeability                                                                                                                                                                                                                      | No penetration                                                                                                                                                                                                                                                                                                                                                                         | NEN-EN 14891:2012+C1:2012, A.7                                                                                                                             |
| Crack bridging capacity under normal circumstances                                                                                                                                                                                      | $\geq 0.75 \text{ mm}$                                                                                                                                                                                                                                                                                                                                                                 | NEN-EN 14891:2012+C1:2012, A.3                                                                                                                             |
| Material behaviour in case of fire                                                                                                                                                                                                      | Class E                                                                                                                                                                                                                                                                                                                                                                                | EN 15651-3:2012                                                                                                                                            |
| Released dangerous substances                                                                                                                                                                                                           | see MSDS                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                            |
| <b>Optional characteristics</b>                                                                                                                                                                                                         | Performance                                                                                                                                                                                                                                                                                                                                                                            | Test method                                                                                                                                                |
|                                                                                                                                                                                                                                         | NEN-EN 14891:2012+C1:2012, A.8.3                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                            |
|                                                                                                                                                                                                                                         | NEN-EN 14891:2012+C1:2012, A.8.3                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                            |
| This Declaration of Performance was drawn up in accordance with ISO 8340 (procedure A) with glass (without primer) and anodized aluminium (without primer) being used as surfaces.                                                      |                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                            |
| 10. The performance of the points 1 and 2 are consistent with the described product specified in paragraph 9 performance. This declaration of performance is issued under the sole responsibility of the in item listed manufacturer 4. |                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                            |
|                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                        | Wormerveer, 11-07-2013<br>signed: ing. T.W. Breeuwer; Manager R&D<br> |