

# Declaration of Performance

According to Construction Products Regulation n° 305/2011

## RENOVER

### DoP nr B155 Renover

1. **Product's unique identification code:**  
B155 Renover
2. **Element, batch, for identifying the construction product (Article 11, paragraph 4)**  
A- Renover P TEX  
C – Renover P MINERAL  
(for traceability purposes, refer to the information given on the label: batch number, date, production site)
3. **Intended use or uses in accordance with the relevant harmonised technical specifications provided by the manufacturer**  
  
Membrane for waterproofing of roofs or to prevent humidity rising from the subsoil.
4. **Name, commercial name or registered trademark and address of the manufacturer (in accordance with Article 11, paragraph 5):**  
Registered office: SAINT-GOBAIN PPC ITALIA S.p.A.  
Via Ettore Romagnoli, 6-20146 Milan  
Headquarters: Via Giulio Pastore 15, 66013 Chieti (CH)  
[www.bituver.it](http://www.bituver.it)
5. **If applicable, name and address of the representative whose mandate covers the tasks specified in Article 12 paragraph 2:**  
*Not applicable*
6. **System or systems of assessment and verification of adequate performance of the construction product referred to in Annex V:**  
System 4 for the reaction to fire  
System 2+ for other characteristics
7. **In the case of a declaration of performance concerning a construction product which falls within the scope of a harmonised standard:**  
UNI EN 13707\*  
\*Bureau Veritas Italia S.p.A (notified body nr. 1370) issued the certificate of conformity of factory production control (cert. nr. 1370-CPR-0050) based on the following:  
ii) Initial inspection of the manufacturing plant as well as factory production control  
iii) Monitoring, assessment and evaluation of factory production control
8. **In the case of a declaration of performance concerning a construction product for which a European Technical Assessment was issued:**  
*Not applicable*



Isover Saint-Gobain  
è socio ordinario  
del GBC Italia

Saint-Gobain PPC Italia S.p.A. – Attività Isover

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### 9. Stated service:

| Test                             | Standard reference         | RENOVER<br>4 MM P TEX                                                | RENOVER<br>MINERAL 4 MM P | Tolerance |
|----------------------------------|----------------------------|----------------------------------------------------------------------|---------------------------|-----------|
| Visible Faults                   | UNI EN 1850-1              | Absent                                                               | Absent                    | -         |
| Straightness                     | UNI EN 1848-1              | 10 mm                                                                | 10 mm                     | ≤         |
| Watertightness                   | UNI EN 1928                | 60 kPa                                                               | 60 kPa                    | ≥         |
| Cold flexibility                 | UNI EN 1109                | - 15 °C                                                              | - 15 °C                   | ≤         |
| Cold flexibility after ageing    | UNI EN 1296<br>UNI EN 1109 | - 10 °C                                                              | - 10 °C                   | + 15 °C   |
| L dimensional stability          | UNI EN 1107-1              | - 0,3 %                                                              | - 0,3 %                   | ≥         |
| Flow resistance                  | EN 1110                    | 100 °C                                                               | 100 °C                    | ≥         |
| Flow resistance after ageing     | EN 1296<br>EN 1110         | 90 °C                                                                | 90 °C                     | -10 °C    |
| Tensile strength at breaking L/T | UNI EN 12311-1             | 750/550 N/50 mm                                                      | 750/550 N/50 mm           | - 20 %    |
| Overlaps tear resistance L/T     | UNI EN 12317-1             | 650/450 N/50 mm                                                      | 650/450 N/50 mm           | - 20 %    |
| Elongation at breaking L/T       | UNI EN 12311-1             | 45% / 45%                                                            | 45% / 45%                 | - 15 v.a  |
| Tear resistance (B method) L/T   | UNI EN 12310-1             | 150/150 N                                                            | 150/150 N                 | - 30 %    |
| Static load resistance           | UNI EN 12730               | 15 Kg                                                                | 15 Kg                     | ≥         |
| Dynamic punching resistance      | UNI EN 12691               | 900 mm                                                               | 900 mm                    | ≥         |
| Fire reaction                    | EN 13501-1                 | CLASS F                                                              | CLASS F                   | -         |
| External fire reaction           | EN 13501-5                 | F roof                                                               | F roof                    |           |
| Granules adhesion                | UNI EN 12039               | -                                                                    | 30%                       | ≤         |
| Resistance to water penetration  | UNI EN 1928                | -                                                                    | CLASS W1                  | -         |
| UV ageing                        | UNI EN 1297                | Passes the test*                                                     | -                         | -         |
| Uses                             | EN 13707<br>System 2+      | Base layer<br>Middle layer<br>Under heavy protection<br>Single layer | Top layer<br>Single layer | -         |



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10. The performance of the product referred to in points 1 and 2 is consistent with the performance standards stated in point 9. These performance standards are released under the sole responsibility of the manufacturer referred to in point 4.

Signed in the name and on behalf of the manufacturer:

Giulio De Gregorio

Isover Deputy Managing Director

Chieti, 22/02/2016

Signature

