

DECLARATION OF PERFORMANCE: N° **BP011000-01GB**1. Unique identification code of the product-type: **ISOPOL**

2. Intended use or uses of the construction product:

| European Standard UNI EN | Intended use |
|--------------------------|--|
| EN13707:2013 | Flexible sheets for waterproofing. Reinforced bitumen sheets for roof waterproofing |
| EN13969:2004 /A1:2006 | Flexible sheets for waterproofing. Bitumen damp proof sheets including bitumen basement tanking sheets |
| EN13970:2004 /A1:2006 | Flexible sheets for waterproofing. Bitumen water vapour control layers |

3. Manufacturer name, registered trade name:

NOVAGLASS Spa via Gattolè, 1 Salgareda (TV) tel: +39 04228084 fax +39 0422807882 email info@novaglass.com

4. Authorised representative:

not applicable

5. System or systems of assessment and verification of constancy of performance of the construction product:

| European Standard UNI EN | Systems of assessment and verification of constancy of performance of the construction product |
|--------------------------|--|
| EN13970:2004 /A1:2006 | 3 |
| EN13970:2004 /A1:2006 | 3 |
| EN13969:2004 /A1:2006 | 2+ |
| EN13707:2013 | 2+ |

6. In accordance with AVCP the above-mentioned systems, institutes/laboratories reported have performed the initial inspection, verification of system control, monitoring and evaluation, verification of control of production, the initial type testing provided the end of the visit they released certificate of conformity of the control system factory:

| European Standard UNI EN | Notify Body / Institute | Accreditation number | Certificate / Report |
|-------------------------------------|-------------------------|----------------------|-------------------------------|
| EN13707:2013; EN13969:2004 /A1:2006 | SGS | 0120 | GB 06/69407 26/07/2006 |
| EN13970:2004 /A1:2006 | TUM | 1211 | 51-08-0011/003-2ec 04/02/2009 |
| EN13970:2004 /A1:2006 | TUM | 1211 | Ta51267/06ea 22/03/2007 |

6b. European technical assessment: not applicable

7. Declared performance:

| Essential characteristic | EN Norm | Unit | Tolerance | Performance | European Standard UNI EN |
|---|---------------------------|---------|--------------|-------------|--|
| Flexibility at low temperature (pliability) | EN1109 | °C | <= | -10 | EN13707:2013; EN13969:2004 /A1:2006; EN13970:2004 /A1:2006 |
| Heat flow resistance | EN1110 | °C | >= | 120 | EN13707:2013 |
| Watertightness | EN1928-B | kPa | >= | 200 | EN13707:2013; EN13969:2004 /A1:2006 |
| Watertightness | EN1928-B | kPa | >= 2 KPa/24h | PASSED | EN13970:2004 /A1:2006 |
| Water vapour transmission properties | EN1931 | µ | - | 92.000 | EN13707:2013; EN13970:2004 /A1:2006 |
| Tensile properties: maximum tensile strength | EN12311-1 | N/50 mm | -20% | 650 400 | EN13707:2013; EN13969:2004 /A1:2006; EN13970:2004 /A1:2006 |
| Tensile properties: elongation at break | EN12311-1 | % | -15 | 40 40 | EN13707:2013; EN13969:2004 /A1:2006; EN13970:2004 /A1:2006 |
| Resistance to tearing (nail shank) | EN12310-1 | N | -30% | 100 100 | EN13707:2013; EN13969:2004 /A1:2006 |
| Dimensional stability | EN1107-1 | % | <= | ±0,3 ±0,3 | EN13707:2013 |
| Shear resistance of joints | EN12317-1 | N/50 mm | -20% | 650 400 | EN13707:2013; EN13969:2004 /A1:2006; EN13970:2004 /A1:2006 |
| Resistance to static puncture | EN12730-A | kg | >= | NPD | EN13707:2013; EN13969:2004 /A1:2006 |
| Resistance to impact | EN12691-A | mm | >= | NPD | EN13707:2013; EN13969:2004 /A1:2006; EN13970:2004 /A1:2006 |
| External fire performance | EN1187/EN13501-5+A1 | Class | - | Froof | EN13707:2013 |
| Reaction to fire | EN11925-2/EN13501-1+A1 | Class | - | F | EN13707:2013; EN13969:2004 /A1:2006; EN13970:2004 /A1:2006 |
| Visible defects | EN1850-1 | - | - | PASSED | EN13707:2013 |
| Durability: Flexibility at low temperature after artificial ageing | EN1296/EN1109 | °C | +15 | NPD | EN13707:2013 |
| Durability: Flow resistance at elevated temperature after artificial ageing | EN1296/EN1110 | °C | -10 | 110 | EN13707:2013 |
| Durability: Watertightness after artificial ageing | EN1296/EN1928-B | kPa | >= 60 | PASSED | EN13969:2004 /A1:2006 |
| Durability: Visual defects after artificial ageing | EN1297/EN1850-1 | - | PASSED | PASSED | EN13707:2013 |
| Durability: Watertightness against chemicals | EN1296/EN1847 | - | PASSED | NPD | EN13969:2004 /A1:2006 |
| Durability: Resistance to water vapour after artificial ageing | EN1296/EN1931 | µ | ± 50 % v.i. | PASSED | EN13970:2004 /A1:2006 |
| Durability: Chemical resistance | EN1847/EN1931 | µ | ± 50 % v.i. | PASSED | EN13970:2004 /A1:2006 |
| Dangerous substances free (1) | Dangerous substances free | | | | |

Note (1): In the absence of European harmonized test methods, verification and declaration on release/content will be made taking into account national provisions

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.

Salgareda, 01/07/2013

Chairman and Legal Representative of:

Luca De Leo



Rev. 1 del 01/10/2015