

DECLARATION OF PERFORMANCE: N° BP011000-01GB

1. Unique identification code of the product-type: **ISOPOL_MINERAL**

2. Intended use or uses of the constructoin product:

European Standard UNI EN	Intended use
EN13707:2004 +A2:2009	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
EN13859-1:2010	Flexible sheets for waterproofing. Underlays for discontinuous roofing

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 (AVCP)
EN13707:2004 +A2:2009	2+
EN13969:2004 /A1:2006	2+
EN13859-1:2010	3

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
EN13707:2004 +A2:2009; EN13969:2004 /A1:2006	SGS	0120	GB 06/69407 26/07/2006
EN13859-1:2010	TUM	1211	51-14-0016 23/11/2006

6b. European technical assessment: not applicable

7. Declared performance:

Essential characteristic	EN Norm	Unit	Toleranc ε	Performance	European Standard UNI EN
Flexibility at low temperature (pliability)	EN1109	°C	<=/	-10	EN13707:2004 +A2:2009; EN13969:2004 /A1:2006; EN13859-1:2010
Heat flow resistance	EN1110	°C	>=/	120	EN13707:2004 +A2:2009
Watertightness	EN1928-B	kPa	>=/	200	EN13707:2004 +A2:2009; EN13969:2004 /A1:2006
Watertightness	EN1928-A W1	kPa	>=/ 2 kPa/2h	PASSED	EN13859-1:2010
Tensile properties: maximum tensile strength	EN12311-1	N/50 mm	-20%	650 400	EN13707:2004 +A2:2009; EN13969:2004 /A1:2006; EN13859-1:2010
Tensile properties: elongation at break	EN12311-1	%	-15	40 40	EN13707:2004 +A2:2009; EN13969:2004 /A1:2006; EN13859-1:2010
Resistance to tearing (nail shank)	EN12310-1	N	-30%	100 100	EN13707:2004 +A2:2009; EN13969:2004 /A1:2006; EN13859-1:2010
Dimensional stability	EN1107-1	%	<=/	±0,3 ±0,3	EN13707:2004 +A2:2009
Shear resistance of joints	EN12317-1	N/50 mm	-20%	650 400	EN13707:2004 +A2:2009; EN13969:2004 /A1:2006
Resistance to static puncture	EN12730-A	kg	>=/	NPD	EN13707:2004 +A2:2009; EN13969:2004 /A1:2006
Resistance to impact	EN12691-A	mm	>=/	NPD	EN13707:2004 +A2:2009; EN13969:2004 /A1:2006
External fire performance	EN1187/EN13501-5+A1	Class	-	Froof	EN13707:2004 +A2:2009
Reaction to fire	EN11925-2/EN13501-1+A1	Class	-	F	EN13707:2004 +A2:2009; EN13969:2004 /A1:2006; EN13859-1:2010
Determination of adhesion of granules (Loss)	EN12039	%	<30	PASSED	EN13707:2004 +A2:2009
Visible defects	EN1850-1	-	-	PASSED	EN13707:2004 +A2:2009
Durability: Flexibility at low temperature after artificial ageing	EN1296/EN1109	°C	+15	NPD	EN13707:2004 +A2:2009
Durability: Flow resistance at elevated temperature after artificial ageing	EN1296/EN1110	°C	-10	110	EN13707:2004 +A2:2009
Durability: Watertightness after artificial ageing	EN1296/EN1928-B	kPa	>=/ 60	PASSED	EN13969:2004 /A1:2006
Durability: Watertightness against chemicals	EN1296/EN1847	-	PASSED	NPD	EN13969:2004 /A1:2006
Artificial ageing by long term exposure to the combination of UV radiation and elevated temperature and heat: Tensile strength	EN1296/EN12311-1	N/50 mm	-20%	NPD	EN13859-1:2010
Artificial ageing by long term exposure to the combination of UV radiation and elevated temperature and heat: Elongation	EN1296/EN12311-1	%	-15	NPD	EN13859-1:2010
Artificial ageing by long term exposure to the combination of UV radiation and elevated temperature and heat: Watertightness	EN1296/EN1928-A	Class	-	W1	EN13859-1:2010
Dangerous substances free (1)	It does not contain asbestos or tar				

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 product performances listed on point 1 fulfill the declared performances indicated on points 7 and 8.

This declaration of performance is issued under the sole responsibility of the manufacturer above.

Salgareda, 01/07/2013

the president signed:

Luca De Leo



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