
DECLARATION OF PERFORMANCE

DoP HI – 216/23-01

according to REGULATION (EU) No 305/2011 (Article 4 and Annex III)
laying down harmonized conditions for the marketing of construction products

Unique identification code of the product-type:

IZOELAST REFLEX P4 FLL plus

Elastomere bitumen sheet with polyester fleece reinforcement: 7,5 m x 1 m x 4,2 mm
Surface protection: mineral granules / polymeric sheeting

Intended use:

**Polymer bitumen sheet used as top layer in multilayer systems
without permanent heavy surface protection for roof gardens (EN 13707)**

Manufacturer:

FRAGMAT TIM d.o.o., Spodnja Rečica 77, SI-3270 Laško

Systems of AVCP:

System 2+

Harmonized standard:

EN 13707:2004+A2:2009

Notified body:

1404 - ZAVOD ZA GRADBENIŠTVO SLOVENIJE, Dimičeva 12, 1000 LJUBLJANA

Declared performances:

Essential characteristics:	Performance			Harmonized technical specification
	EN method	Unit	Value	
Water tightness	1928	kPa	≥ 100	EN 13707:2004+A2:2009
Flexibility at low temperature	1109	°C	≤ -15	
Resistance to tearing <ul style="list-style-type: none"> • longitudinal • transversal 	12310-1	N	* NPD * NPD	
Shear resistance of joints <ul style="list-style-type: none"> • longitudinal • transversal 	12317-1	N/50 mm	* NPD * NPD	
Reaction to fire	13501-1	class	E	
External fire performance	13501-5	class	F _{ROOF}	
Resistance to static loading	12730/A	kg	* NPD	
Resistance to impact	12691/A	mm	* NPD	
Tensile properties <ul style="list-style-type: none"> • longitudinal • transversal 	12311-1	N/50mm	≥ 600 ≥ 550	
Elongation <ul style="list-style-type: none"> • longitudinal • transversal 	12311-1	%/50mm	≥ 35,0 ≥ 35,0	
Resistance to root penetration	13948	-	pass	
Flexibility at low temperature after artificial ageing by long term exposure to elevated temperature (12 weeks at 70°C)	1296/1109	°C	≤ -10	
Flow resistance at elevated temperature after artificial aging by long term exposure to elevated temperature (12 weeks at 70°C)	1296/1110	°C	≥ 90°C	
Chemical resistance	1847/13707 Annex C	-	pass	
Content of dangerous substances	Annex ZA	/	no	

* NPD – no performance determined

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Laško, 20.01.2023

Head of production:

Marko Mavri

