

# DECLARATION OF PERFORMANCE

N° HI - 004-6/13-01

according to REGULATION (EU) No 305/2011 laying down harmonised conditions for the marketing of construction products

1) Unique identification code of the product-type:

**PROTEX VINDPAP**

2) Type, batch or serial number or any other element allowing identification of the construction product:

**PROTEX VINDPAP**

3) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**flexible sheet for waterproofing-underlays**

4) Name, registered trade name or registered trade mark and contact address of the manufacturer:

**FRAGMAT TIM d.d. Laško, Spodnja Rečica 77, SI-3270 Laško  
Tel.: + 386 3 73 44 500; Fax: + 386 3 73 44 618**

5) Name and contact address of the authorised representative :

**PROFILE A/S Skånevej 2. 6230-Røddekro  
Tel: +45 7363 1000**

6) System or systems of assessment and verification of constancy of performance of the construction product:

**System 3**

7) In case of the declaration of performance concerning a construction product covered by a harmonised standard performed:

notified body no.: **1404 - Zavod za gradbeništvo Slovenije, Dimičeva 12, 1000 Ljubljana**  
determination of the product-type – **Water-tightness according to EN 1928**  
under system **3** and issued test report no.: **P 1006/06-760-7 .**

8) Declared performance:

technical sheet: **PROTEX VINDPAP/13-01**

9) The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Laško, 01.07.2013

Head of department:  
**Janez Potočnik, ing.**

**FRAGMAT TIM**  
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FRAGMAT TIM, d.d., Spodnja Rečica 77, SI-3270 Laško; tel: +386 (0)3 734 45 00, fax: 734 46 18, www.fragmat.si  
replace: N° HI 4/12





# PROTEX VINDPAP

## Bitumen sheet with cardboard carrier

**Product description** PROTEX VINDPAP is made of cardboard reinforcement, completely impregnated with bitumen.

**Characteristics of the product** PROTEX VINDPAP meets the demands of the standards EN 13859-1.

Characteristic	EN Method	Unit	Declaration SIST EN 13859-1
Reinforcement		Cardboard	
Surface protection		without / without	
Length	1848-1	m	≥ 20
Width	1848-1	m	0,995 do 1,015
Thickness	1848-1	mm	≥ 0,5
Mass per unit area	1849-1	kg/m <sup>2</sup>	≥ 0,5
Straightness	1848-1	30mm/10m	pass
Resistance to water penetration	1928	class	W1
Resistance to water penetration after artificial ageing by long term exposure to elevated temperature(12 weeks at 70 ° C)	1296/1928	class	W1
Flexibility at low temperature	1109	°C	≤ +4
Resistance to tearing			
• longitudinal	12310-1	N	≥ 20
• transversal			≥ 20
Dimensional stability			
• longitudinal	1107-1	%	≤ 0,6]
• transversal			≤ 0,6]
Water vapor transmission properties	1931	m	< 2
Reaction to fire	13501-1	Class	F
Chemical resistance	1847/13969 Annex A	N/50mm	pass
Tensile properties			
• longitudinal	12311-1	N/50mm	≥ 250
• transversal			≥ 150
Tensile properties after artificial ageing by long term exposure to elevated temperature (12 weeks at 70°C)			
• longitudinal	12311-1	%/50mm	≥ 200
• transversal			≥ 100
Elongation			
• longitudinal	12311-1	%/50mm	≥ 1,0
• transversal			≥ 1,0
Elongation after artificial ageing by long term exposure to elevated Temperature (12 weeks at 70°C)			
• longitudinal	12311-1	%/50mm	≥ 1,0
• transversal			≥ 1,0
Content of dangerous substances	Annex ZA	/	no

**Use and installation** PROTEX VINDPAP is used as underlay in systems of pitch roofs, or as temporary protection against dampness. The product is installed on boarded surfaces with 10 cm overlaps. The product is not resistant against weather influences, therefore it is necessary to protect it with the primary roofing as quick as possible.

**Storage** The rolls have to be stored in an upright position, protected against dampness and extreme temperatures. In winter it is recommended to store the rolls before installation for 24 hours at a temperature of over + 5°C.

**Disposal considerations of waste** For the removal of waste of product it is necessary to follow the valid local environmental regulations.



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The product is in conformity with EN 13859-1:2010 type W1.

The system of quality and handling of the environment is conform with SIST EN ISO 9001 and 14001

**Producer** FRAGMAT TIM d.d., Spodnja Rečica 77, SI - 3270 Laško ; [www.fragmat.si](http://www.fragmat.si)  
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file:  
 Technical sheet  
 PROTEX VINDPAP/13-01