

## **DECLARATION OF PERFORMANCE (DoP)**

Nº DoP: PVC-HS-002

15/09/2016

VERSION 04

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

Synthetic PVC plasticized membrane reinforced with polyester net carrier.

**2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the PRC:**

DANOPOL+ HS 1.5

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

Synthetic PVC plasticized membrane reinforced with polyester net carrier for roof waterproofing

**4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5) of the PRC:**

DANOSA- POL. IND. SECTOR 9-19290 FONTANAR-GUADALAJARA-ESPAÑA

Tel.: +34 949 88 82 10 - info@danosa.com

**5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2) of the PRC:**

Not apply

**6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:**

2+

**7. Products covered by a harmonised standard: Name and number of the notified body / performed / Under system (1 +, 1, 2 +, 3) / certificate number and date of grant:**

AENOR: 0099

Evaluation of the factory production control

System 2+

Certificate of conformity of the factory production control, number and date: 0099/CPR/A85/0043-10/07/2008

Certificate of conformity of the factory production control, number and date: 0099/CPR/A86/0025-13/10/2015

8. Declared performance:

Essential Characteristics	Performance	Harmonized Technical Specification
External fire performance	Broof(t1); Broof(t3);Broof(t4)	EN-13956:2012; EN 13967:2012
Reaction to fire	E	
Leaktightness	OK	
Tensile strength:		
Maximum tensile force L*, (N/50 mm)	≥1100	
Maximum tensile force T*, (N/50 mm)	≥ 1000	
Elongation at break L*, (%)	≥ 20	
Elongation at break T*, (%)	≥ 20	
Root resistance	OK	
Static load resistance, method A or B, (kg)	≥ 55	
Impact resistance method A or B, (mm)	≥ 700	
Tear resistance, (N)	≥ 250	
Seal Resistance		
Peel Strength (N/50mm)	≥ 250	
Shear resistance (N/50mm)	≥ 950	
UV, heat and water durability ; Visual inspection, (Grade 0-3)	OK	
Heat and water durability 60 Kpa	OK	
Chemical products and water durability, 60 Kpa	OK	
Low temperature flexibility (° C)	≤ -30	
Tensile strength (L/T), N/mm <sup>2</sup>	20(-1)/17(-1)	EN 13361:2004;EN 13361:2004/ A1:2006; EN 13362; EN 13491:2004; EN 13491:2004/ A1:2006
Static load resistance, kN	3,0 (-0,2)	
Permeability to liquids (m <sup>3</sup> /m <sup>2</sup> )/d	2.10-6 (-1.10-7)	
Durability, Resistance to weathering, %	Resist.Tracción L=≤1 Resist.Tracción T=≤1	
	Alarg. L= ≤1 Alarg. T= ≤1	
Durability, Resistance to oxidation, %	Resist.Tracción L=≤1 Resist.Tracción T=≤1	
	Alarg. L= ≤1 Alarg. T= ≤1	
Hazardous substances	NPD	

L\* means longitudinal direction , T\* means transverse direction

9. The performances of the product identified in points 1 and 2 are 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

Name and function	Place and Date of issue	Signature
José Manuel Rojas - Jefe Departamento Técnico	FONTANAR 15/09/2016	