

DECLARATION OF PERFORMANCE (DoP)

Nº DoP: DRE-002

31/10/2024

VERSION 06

1. Unique identification code of the product-type:

HDPE NODULAR SHEET WITH GEOTEXTILE

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:

DANODREN H25 PLUS

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

HDPE nodular sheet with polypropylene geotextile for application in drainage systems.

Intended uses: "F+S+D"

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-SPAIN

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 applicable

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 Factory Production Control

System 2 +

Certificate of Factory Production Control, number and date: 0099/CPR/A42/0053 - 14/01/2008

8. Declared performance:

Essential Characteristics	Performance	Harmonized Technical Specification
Tensile strength. :		EN-13252:2016
Maximum tensile force L*, (N/mm²)	19,0 (-4,0)	
Maximum tensile force T*, (N/mm²)	15,0 (-4,0)	
Elongation L*, (%)	70 ± 20	
Elongation T*, (%)	70 ± 20	
Static puncture resistance (CBR), (kN)	2,5 (-0,5)	
Dynamic puncture resistance (cone) , (mm)	10 (+5)	
Aperture measurement, (µm)	87,5 (+/-42,5)	
Water permeability, (m/s)	0,11 (-0,033)	
Water flow capacity in the plane, q=20 kPa, i=1 (m²/s)	0,0015 (-0,0002)	
Durability, (years)	>25; natural soil; 4<pH<9;T<25°C	

L* means longitudinal direction , T* means transverse direction

The performances of the product identified in points 1 and 2 are in conformity with the declared performance in point 8.

This DoP is issued in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by:

Name and function	Place and Date of issue	Signature
Mónica de Velasco, Product Manager	Fontanar 31/10/2024	