

DECLARATION OF PERFORMANCE (DoP)

Nº DoP: DRE-R20-001

22/10/2024

VERSION 03

1. Unique identification code of the product-type:

HDPE NODULAR SHEET

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 R-20

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 for application in drainage systems.

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:

SKZ– Testing GmbH (NB 1213)

performed the initial inspection of the manufacturing plant

and the Factory Production Control (FPC),

as well as the continuous surveillance of the CPF.

8. Declared performance:

Essential Characteristics	Performance	Harmonized Technical Specification
Tensile strength. :		EN-13252:2016
Maximum tensile force L*, (N/mm²)	9,0 (-2,0)	
Maximum tensile force T*, (N/mm²)	5,0 (-2,0)	
Elongation L*, (%)	45 ± 20	
Elongation T*, (%)	25 ± 20	
Static puncture resistance (CBR), (kN)	NPD	
Dynamic puncture resistance (cone) , (kN)	NPD	
Aperture measurement, (µm)	NPD	
Water permeability, (m/s)	NPD	
Water flow capacity in the plane, (m²/s)	0,01 (-0,002)	
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 22/10/2024	