

1-Name and Identification Code

HDPE GEOMEMBRANE ALVATECH FIX 1F & 2F

Lot: "see product label"

2.-Manufacturer: **SOTRAFA, S.A.**

Address: **Paraje Cartabona, 12 04710 Sta. M^a del Águila- EL EJIDO (Almería) ESPAÑA**

3.-Intended Use: **Geosynthetics Barrier used as waterproofing membranes against fluids in construction of reservoirs, dams, channels, tunnels and underground structures, liquid waste landfills, waste transfer stations or secondary containment enclosures, solid waste landfills.**

4.-Evaluation system and verification of performance constancy: **2+**

5.-Notified Body:


- AENOR no. 0099
- Control Evaluation of Factory Production
- 2+ System
- Control Certificate of Factory Production: **0099/CPR/A86/0015**

6.-Performance Declared

Key Performance Indicators				
Main Features	Performance			Harmonised Standards Specifications
Thickness	1.5 mm	2.0 mm	2.5 mm	EN 13361 EN 13362 EN 13491 EN 13492 EN 13493
Tensile Strength (MD/TD)	13.0 N/mm ² (-1.3 N/mm ²)			
Puncture resistance	3.0 kN (-0.3 kN)	4.0 kN (-0.4 kN)	5.0 kN (-0.5 kN)	
Liquids Tightness (Water permeability)	< 1.0 * 10 ⁻⁶ (m ³ /m ²) / d			
Gas Tightness	< 2.0 * 10 ⁻³ m ³ /m ² /d atm			
Durability <ul style="list-style-type: none">U.V. AgeingOxidationStress Crack Resistance	<25% Nominal Tensile Strength and Elongation at break <25% Nominal Tensile Strength and Elongation at break > 400 hours			

- The performance of the product specified in point no.1 meets the performance declared in point no.6
- This performance declaration is issued under the sole responsibility of the manufacturer indicated in item no. 2
- Signed by and on behalf of the manufacturer:

Vicente Cejas
Director



El Ejido, 31/05/2022