

### 1-Name and Identification Code

## GEOMEMBRANE ALVATECH LLDPE FIX 1F & 2F

Lot: "see product label"

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

Address: **Paraje Cartabona, 12 04710 Sta. M<sup>a</sup> 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:

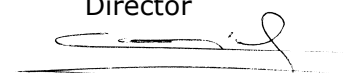
- AENOR no. 0099
- Control Evaluation of Factory Production
- 2+ System
- Control Certificate of Factory Production: **0099/CPR/A86/0015**

### 6.-Performance Declared

Main Features	Performance		Harmonised Standards Specifications
Thickness	1.5 mm	2.0 mm	EN 13361 EN 13362 EN 13491 EN 13492 EN 13493
Tensile Strength (MD/TD)	16.0 N/mm <sup>2</sup> (-1.6 N/mm <sup>2</sup> )		
Puncture resistance	3.5 kN (-0.35 kN)	5.0 kN (-0.50 kN)	
Liquids Tightness (Water permeability)	< 1.0 * 10 <sup>-6</sup> (m <sup>3</sup> /m <sup>2</sup> ) / d		
Gas Tightness	< 2.0 * 10 <sup>-3</sup> m <sup>3</sup> /m <sup>2</sup> /d atm		
Durability <ul style="list-style-type: none"><li>• U.V. Ageing</li><li>• Oxidation</li><li>• Stress Crack Resistance</li></ul>	<25% Nominal Tensile Strength and Elongation at break <25% Nominal Tensile Strength and Elongation at break Don´t Apply		

- 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, 03-05-2022