

## Technical Data Sheet

### Description:

**Fiberglass Reinforcement Mesh – 160 g/m<sup>2</sup>**

### Manufacturer:

SC "SIGN&PRINT TOTAL" SRL  
România, jud.Vaslui, mun.Bârlad, Str. Trestiana 2

### Application:

- Used in plastering and putty works.
- Serves as a reinforcing material to prevent cracks in walls.
- Suitable for use in cement-based and alkaline environments.

### Properties:

- High resistance to corrosion and alkalis, ensuring long-term stability in cementitious applications
- Flexible and lightweight, facilitating quick and efficient installation.
- Increases mechanical strength, reducing the risk of cracks and structural weaknesses.



### Specifications:

- **Color:** White (customizable upon request)
- **Weight per unit area:** 160 g/m<sup>2</sup>

### Compliance & Certification:

- **European Assessment Document:** EAD 040016-01-0404
- **European Technical Assessment:** ETA 19/0697 of 31/01/2022
- **ISO 9001:2015**

### Technical Specifications

Parameter	Tested Result	Alkaline Resistance	Method of Verification	Conformance
Weight (160 g/m ± 5%)	168 g/m <sup>2</sup>	N/A	EN 1607	OK
Ash content ≥ 18% (± 2%)	20%	N/A	ISO 1887	OK
Breaking strength (Weft)	2700 N/50 mm	2135 N/50 mm (≥ 50%)	EN 13496	OK
Breaking strength (Warp)	1500 N/50 mm	1006 N/50 mm (≥ 50%)		OK
Elongation (Weft)	4.0%	2.8%	EN 14410	OK
Elongation (Warp)	2.5%	2.2%		OK
Thickness	0.51 mm	N/A	ISO 4603	OK
Mesh size (5.0 × 5.0 mm ± 0.5 mm)	5.3 × 5.0 mm	N/A	EN 1876-1	OK
Width	1 m (±1%)			
Roll length	Standard roll (50 m ± 1%); The length of the roll can vary depending on the customer's requirements.			
Storage Conditions	Store in a dry environment at 5°C–35°C with relative humidity below 75%.			

- The specifications of the above product correspond to the set of declared characteristics. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 and the European Technical Assessment (ETA) under the sole responsibility of the manufacturer referred to above.

Signed on behalf of the manufacturer: Diana Turcan

Data: 13.03.2025

