



**Technical Data Sheet (TDS)  
Declaration of Performance  
PLASA DIN FIBRE DE STICLA  
290GR**

**1. PRODUCT**

Fiberglass mesh 290

**2. APPLICATION SPHERE:**

Used as a reinforcing element in the composition of the façade systems, is laid into the mass of the putty mixture. The function of this fiberglass mesh is to resist the movement of the insulating material that occurs due to the thermal changes or due to the shrinking nature, preventing appearance of the cracks on the surface

**3. TECHNICAL CHARACTERISTICS**

| Nu. | Indicator                                  | Measure           | Norm                | Test result | Test Method                        |
|-----|--|-------------------|---------------------|-------------|------------------------------------|
| 1   | Number of threads 10 cm (warp)             | 10 cm             | 42                  | 42          | EAD 040016-00-0404:2016, Cl. 2.2.6 |
| 2   | Number of threads 10 cm (weft)             | 10 cm             | 28                  | 28          | EAD 040016-00-0404:2016, Cl. 2.2.6 |
| 3   | Width                                      | cm                | 99,5-101            | 100,1       | EAD 040016-00-0404:2016, Cl. 2.2.5 |
| 4   | Mass per unit                              | gr/m <sup>2</sup> | 285-295             | 287         | EAD 040016-00-0404:2016, Cl. 2.2.8 |
| 5   | Ash content                                | %                 | Not less than 15    | 15,1        | EAD 040016-00-0404:2016, Cl. 2.2.2 |
| 6   | Tearing Force (warp)                       | N/5 cm            | Not less than 1500  | 1 764       | u\o 040016-00-0404:2016, Cl. 2.2.7 |
| 7   | Tearing Force (weft)                       | N/5 cm            | Not less than 7200  | 8 083       | u\o 040016-00-0404:2016, Cl. 2.2.7 |
| 8   | Tearing Force after 28 days storage (warp) | N/50 mm           | Not less than 1 000 | 1 200       | u\o 040016-00-0404:2016, Cl. 2.2.7 |
| 9   | Tearing Force after 28 days storage (weft) | N/50 mm           | Not less than 4000  | 4 050       | u\o 040016-00-0404:2016, Cl. 2.2.7 |
| 10  | Cell size warp direction                   | mm                | Not less than 10    | 10,00       | EAD 040016-00-0404:2016, Cl. 2.2.4 |
| 11  | Cell size weft direction                   | mm                | Not less than 6     | 6,90        | EAD 040016-00-0404:2016, Cl. 2.2.4 |

Production Director \_\_\_\_\_

