

**TECHNICAL DATA SHEET**  
**HITROM FIBERGLASS MESH FABRIC – 145 g/sqm**  
**CONFIRMATION MATCHING W-14-180C1**

**1. Description**

Fiberglass mesh fabric, alkali resistant.

**2. Properties**

The main property of fiberglass mesh is the taking efforts of the external thermal insulation composite systems (ETICS) based on expanded polystyrene, preventing failure by breaking due to concentrated or stretching efforts.

**3. Applications**

- reinforcing element in composite thermal insulation system, for all types of thermal insulation boards (expanded polystyrene, extruded polystyrene, graphitic polystyrene, basalt mineral wool, etc.),
- the reinforcement of interior and exterior plasters,
- the reinforcement layers of facades renovation.

**4. Technical properties**

Features	Testing	Results
1. Tensile strenght under storage in normal condition (N/5cm) -warp/weft	ETAG 004/2013	1663,6/2581,9
2. Elongation under storage in normal condition (%) – warp/weft	ETAG 004/2013	3,49/4,33
3. Tensile strength after 28 days storage in alkaline solution N / 5cm)-warp/weft	ETAG 004/2013	1010,4/1517,5
4. Elongation after storage in alkaline solution for 28 days (%) – warp/weft	ETAG 004/2013	1,91/2,25

**5. Name and address of the Laboratory that performed the tests:**

Leipzig Institute for Materials Research and Testing

**6. Specific conditions, storage, transport**

- Specific conditions: storage in clean and dry places, at positive temperatures between 5° C and 30 ° C , away from direct radiation of any heat sources or from direct sunlight.
- Store in rolls vertically positioned in appropriate rooms and covered.
- Transportation is in rolls vertically positioned and covered with adequate cargo transportation vehicles.

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