



**VALMIERA<sup>®</sup>  
GLASS**

## DECLARATION OF PERFORMANCE

**No. 4 - 21**

1. Unique identification code of the product-type: Glass fibre mesh GG-145
2. Intended use: Glass fibre mesh for reinforcement of cement based renderings
3. Manufacturer: VALMIERAS STIKLA ŠĶIEDRA, AS  
Cempu 13, Valmiera, LV-4201, Latvia
4. Authorised representative: N/A
5. System of AVCP: System 2+
6. European Assessment Document: EAD 040016-01-0404 /2021  
European Technical Assessment: ETA 16/0526 of 04.09.2021  
Technical Assessment Body: Technical and Test Institute for Construction Prague  
Notified body: Technical and Test Institute for Construction Prague, NB 1020
7. Declared performance:

Essential characteristics	Performance
Reaction to fire	NPD
Organic content, %	(16 ± 3)
Ash content, %	(84 ± 3)
Heat combustion, MJ/kg	≤ 6.3
Average mesh size (warp direction x weft direction), mm	(5.8 x 4.0) ± 0.5
Mesh opening (warp direction x weft direction), mm	(4.7 x 3.8) ± 0.5
Roll width, mm	1000 (+1%/-0%) or 1100 (+1%/-0%)
Weaving accuracy	NPD
Tensile strength in the as-delivered state, N/mm (warp and weft direction)	≥ 35
Elongation (%) in the as-delivered state, % (warp and weft direction)	≤ 4.5
Tensile strength after alkalis conditioning, N/mm (warp and weft direction)	≥ 20 ≥ 50% of the strength in the as-delivered state
Elongation after alkalis conditioning, % (warp and weft direction)	≤ 2.7
Mass per unit area, g/m <sup>2</sup>	145 (± 5%)
Thickness, mm	NPD

8. Appropriate Technical Documentation and/or Specific Technical Documentation: N/A

The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Airisa Vītola / At Valmiera on 21.09.2021