

**DECLARATION OF PERFORMANCE**  
based on Regulation (EU) No 305/2011

1. Unique identification code of the product-type:	<b>E132LY</b>
2. Intended use/es:	Glass fibre mesh for reinforcement of external thermal insulation systems (ETICS)
3. Manufacturer:	MASTERPLAST YU d.o.o. Bodrogvari Ferenc 172., Subotica SRB24000, Serbia www.masterplast.rs
4. Authorised representative:	Not relevant
5. System/s of AVCP:	2+
6.a Harmonised standard:	Not relevant
Notified body/ies:	Not relevant
6.b European Assessment Document:	EAD 040016-01-0404 - Glass fibre mesh for reinforcement of cementitious or cement based renderings, 2019
European Technical Assessment:	ETA 23/0188 (22. 03. 2023)
Technical Assessment Body:	TZUS - TECHNICKY A ZKUSEBNI USTAV STAVEBNI PRAHA s.p.
Notified body/ies:	1020 FPC No.: 1020-CPR-060049244

7. Declared performance(s):

Essential characteristics		Method	Unit	Performance		
				Average	Min.	Max.
<b>SAFETY IN CASE OF FIRE</b>						
Reaction to fire		EAD 040016-01-0404 Cl. 2.2.1	class	NPD		
Average organic content	Organic content	EAD 040016-01-0404 Cl. 2.2.2	% (625°C)	17,8	-	-
	Ash content		% (625°C)	82,2	-	-
Gross heat of combustion	Heat combustion	EAD 040016-01-0404 Cl. 2.2.3	Q <sub>PCS</sub> [MJ/kg]	7,351	-	-
	Heat combustion		QPCS [MJ/m <sup>2</sup> ]	1,184	-	-
<b>HYGIENE, HEALTH AND THE ENVIRONMENT</b>						
Content, emission and/or release of dangerous substances	Leachable substances	EAD 040016-01-0404 Cl. 2.2.4		NPD		
	Content of cadmium					

SAFETY AND ACCESSIBILITY IN USE						
Mesh size	Average mesh size (MD/CMD)	EAD 040016-01-0404	mm	4,2 x 5,2	(-)0,5	(+)0,5
	Average mesh opening (MD/CMD)	Cl. 2.2.5	mm	3,8 x 4,0	(-)0,5	(+)0,5
Weaving accuracy		EAD 040016-01-0404 Cl. 2.2.6	No singularities or defects			
Tensile strength and elongation	Average tensile strength (MD/CMD)	EAD 040016-01-0404 Cl. 2.2.7	N/50 mm	2400/2000	-	-
	Elongation (MD/CMD)		%	-	-	4,5/4,5
Tensile strength and elongation after ageing	Average tensile strength (MD/CMD)		N/50 mm	-	1000/1000 (50%/50%)	-
	Elongation (MD/CMD)		%	-	-	3,5/3,5
Mass per unit area		EAD 040016-01-0404 Cl. 2.2.8	g/m <sup>2</sup>	160	-5%	+5%
Thickness		EAD 040016-01-0404 Cl. 2.2.9	mm	0,59	-0,02	+0,02


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

Not relevant

The performance of the product identified above is in conformity with the set of declared performance/s. 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:

Sárszentmihály, 2023. 04. 17.

  
Kovács Attila  
Technical manager

More technical information and performances are available in the current technical datasheet of the product.

This declaration of performance is available at: [www.masterplastgroup.com](http://www.masterplastgroup.com).