

# Declaration of Performance

DoP-No. EXO-STD-001

English language

**1) Unique identification code of the product-type**

Exolon®

**2) Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of Regulation (EU) No 305/2011**

Exolon® multi UV 2/4-6, 2/6-6 2/4-8, 2/6-8, 2/6-10.5, 2/8-10.5, 2/10-10.5, 2/16-30, 3/16-20, 4/6-6, 4/8-6, 4/10-6, 5X/10-25, 5X/16-25, 5M/25-20, 5M/32-20, 5M/40-20, 7/16-14, 7/20-14, 7/25-14

**3) Intended use or uses of construction product, in accordance with the applicable harmonized technical specification**

For internal and external use in roofs, walls and ceilings

**4) Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5) of Regulation (EU) No 305/2011**

Exolon Group S.p.A.  
Strada di Vagno 15/A  
05035 Nera Montoro (TR)  
Italy

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E-Mail: legalerappresentante@exolongroupspa.legalmail.it

**5) Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2) of Regulation (EU) No 305/2011**

Non applicable

**6) System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V**

System 3

**7) In case of the declaration of performance concerning a construction product covered by a harmonized standard**

Non applicable

**8) In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued**

Non applicable

**9) Declared performance**

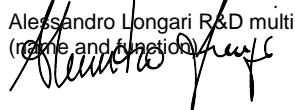
Essential characteristics	Performance	Harmonised technical specification
External fire performance	NPD	EN 16153:2013+A1:2015
Reaction to fire	*TAB	
Resistance to fire	NPD	
Water vapour permeability	3,8x10 <sup>-5</sup> mg/m h Pa	
Water/air permeability	Pass	
Release of dangerous substances	NPD	
Dimensional tolerances	Pass	
Shatter properties (save breakability) as:		
- Small hard body impact resistance	NPD	
- Large soft body impact resistance (assembly)	NPD	
Mechanical resistance (deformation behaviour)	NPD	
Direct airborne sound insulation	*TAB	
Thermal transmittance	*TAB	
Light transmittance	*TAB	
Total solar energy transmittance	*TAB	
Resistance to fixings	The sheet must be framed by proper profiles (see manufacturer's information)	
Durability, as variation (after ageing):		
- of yellowness index	ΔA (for colored sheets ΔD)	
- of light transmittance	ΔA (for colored sheets ΔD)	
- of deformation flexural modulus	Cu1	
- of tensile strength	Ku1	

**10) The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.**

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Nera Montoro, 01/05/2021  
(place and date of issue)

Alessandro Longari R&D multi  
(name and function)  


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TAB :

Product	Nominal Mass per Unit Area [gr/m <sup>2</sup> ]	Direct airborne sound insulation [dB]	Thermal Transmittance [W/m <sup>2</sup> K]	Reaction to Fire						Light Transmission [%] ; Total solar energy transmittance [%]						
				Clear 1099/2099	White 1146/2146	IQ-Relax 1140/2140	Bronze 1845/2845	Bronze 1830/2830	Clear 4099 No Drop	Clear 1099/2099	White 1146/2146	IQ-Relax 1140/2140	Bronze 1845/2845	Bronze 1830/2830	Clear 4099 No Drop	
Exolon® multi UV	2/4-6	800	NPD	NPD	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD
	2/6-6	1300	NPD	NPD	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD
	2/4-8	800	NPD	NPD	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD
	2/6-8	1300	NPD	NPD	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD
	2/6-10.5	1300	NPD	NPD	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD
		1500	NPD	3,3	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD
	1700															
	2/10-10.5	1700	16	3,0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	80 ; NPD	70 ; 69	NPD ; NPD	41 ; 58	NPD ; NPD	80 ; NPD
		2000														
	2/16-30	3600	22	2,8	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	77 ; 74	57 ; 60	57 ; 60	22 ; 46	NPD ; NPD	77 ; 74
		2600														
	3/16-20	2700	NPD	2,2	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	74 ; 70	62 ; 62	47 ; 44	30 ; 49	NPD ; NPD	74 ; 70
		2800														
		2800														
	4/6-6	950	NPD	NPD	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD
		1400														
	4/8-6	1600	NPD	NPD	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD
	4/10-6	1750	17	2,5	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	68 ; 65	61 ; 61	52 ; 49	33 ; 50	NPD ; NPD	68 ; 65
	5X/10-25	1500	NPD	NPD	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD
		2250	NPD	2,0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	64 ; 61	55 ; 54	47 ; 45	27 ; 45	NPD ; NPD	64 ; 61
		2400														
	2700															
	5M/25-20	3400	NPD	1,4	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	NPD	49 ; 48	40 ; 42	32 ; 34	13 ; 32	NPD ; NPD	49 ; 48
	5M/32-20	3700	NPD	1,2	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	NPD	48 ; 47	38 ; 41	30 ; 32	12 ; 31	NPD ; NPD
3900																
5M/40-20	4200	NPD	1,1	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	NPD	47 ; 47	35 ; 38	27 ; 30	10 ; 28	NPD ; NPD	47 ; 47
7/16-14	2450	NPD	1,8	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	NPD	55 ; 53	45 ; 46	38 ; 38	NPD ; NPD	NPD ; NPD	55 ; 53
	2600															
7/20-14	2700	NPD	1,5	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	NPD	55 ; 52	44 ; 45	38 ; 38	NPD ; NPD	NPD ; NPD	55 ; 52
	2850															
7/25-14	3000	NPD	1,4	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	NPD ; NPD	
	3300															

Nera Montoro, 01/05/2021  
(place and date of issue)

Alessandro Longari R&D multi  
(name and function)