

## Declaration of Performance No AP001-15

- Unique product identification code : MULTICLEAR®**
- Product type: MULTICLEAR® Box 2Wall, Box 3Wall, Box 7Wall, Strong, Strong 6W, Light, Light 8Wall**
- Intended uses of construction products in accordance with the applicable harmonized technical specification**  
Light transmitting flat multiwall polycarbonate sheets intended for roof coverings for buildings and internal and external wall and ceiling finishes
- Name and contact address of the manufacturer as required under Article 11(5) of Regulation (EU) No 305/2011**  
**Arla Plast s.r.o.** Telephone: +420 474 698 030  
Králůvský Vrch 1982 Fax : +420 474 698 040  
CZ-43201 Kadaň e-mail : infocz@arlaplast.com  
Czech Republic
- Name and contact address of the authorized representative whose mandate covers the tasks specified in article 12(2) of Regulation (EU) No 305/2011**  
Not applicable
- System or systems of the construction product performance constancy assessment and verification as set out in CPR Annex V**  
System 3
- Declaration of performance concerning a construction product covered by a harmonized standard**  
EN 16153:2013. Reaction to fire classified by Notified Body:  
PAVUS, a.s., Authorized body 216, Notified Body No 1391, Accredited certification body for products No 3041,  
Prosecka 412/74, Praha 9, Czech Republic

### 8. Declared performance

Essential Characteristics	Performance	Harmonized technical specification
External fire performance	NPD	EN 16153:2013
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 (safe breakability):		
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	NPD	
Resistance to fixings	The sheet must be framed by proper profiles (see manufacturer's information)	
Durability, as variation (after ageing):		
Yellowness index	ΔA (for coloured sheets ΔD)	
Light transmittance	ΔA (for coloured sheets ΔD)	
Deformation flexural modulus	Cu1	
Tensile strength	Ku1	

\*respective values declared in Attachment 1, Table 1

- The performance of the product identified in points 1 and 2 is in conformity with the set of properties declared in point 8. This Declaration of Performance is issued in accordance with Regulation (EU) No 305/2011 and under sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

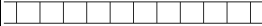
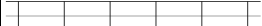


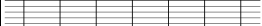


Place and date of issue: Kadaň, 25. 05. 2015

.....  
Ing. Tomáš Jón  
Authorized Officer

Declaration of Performance No. AP001-15  
 Unique identification product code: MULTICLEAR®

Declared properties

Table 1

Product	Nominal Sheet Thickness [mm]	Nominal Mass per Unit Area [g/m <sup>2</sup> ]	Thermal Transmittance U [W/m <sup>2</sup> K]	Light Transmission [%]					Direct airborne sound insulation Index R [dB]	Reaction to Fire				
				Clear	Opal	SC White	Bronze	SC Transparent, Transparent colours		Clear	Opal	SC White	Bronze	SC Transparent, Transparent colours
<b>Multiclear® Box 2Wall</b> 	6	1200	3.5	82	60	NPD	50	NPD	17	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
		1300												
	8	1500	3.2	83	66	NPD	50	NPD	18	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
		1700												
10	1500	3.0	82	64	NPD	49	NPD	18	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	
	1700													
<b>Multiclear® Box 3Wall</b> 	16	2500	2.3	74	48	NPD	25	NPD	18	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
		2700												
<b>Multiclear® Strong</b> 	10	1500	2.5	64	55	NPD	35	NPD	18	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
		1600												
		1700												
	16	2500	2.0	64	45	50	25	NPD	19	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
		2700												
	20	2800	1.8	64	46	49	23	NPD	19	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
		3000												
	25	3400	1.6	63	44	NPD	20	NPD	19	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
<b>Multiclear® Strong 6W</b> 	8	1400	2.5	70	55	NPD	35	NPD	18	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
		1500												
	10	1500	2.2	64	55	NPD	35	NPD	18	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
		1700												
	16	2500	1.9	64	45	51	25	NPD	19	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
		2600												
2700														
<b>Multiclear® Box 7Wall</b> 	16	2500	1.8	64	45	51	25	NPD	19	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
		2600												
		2700												
	20	2800	1.6	62	45	50	23	NPD	19	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
3000														
<b>Multiclear® Light 8Wall</b> 	16	2600	1.8	63	45	50	25	NPD	19	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
		2700												
	20	3000	1.6	58	45	48	23	NPD	19	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
<b>Multiclear® Light</b> 	25	3400	1.5	53	38	NPD	23	NPD	19	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
	32	3600	1.3	53	34	NPD	20	NPD	19	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
	35	3800	1.2	45	34	NPD	20	NPD	19	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
	40	4000	1.1	52	32	NPD	18	NPD	19	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0

Signed for and on behalf of the manufacturer by:

Place and date of issue : Kadan, 25. 05. 2015

.....  
 Ing. Tomáš Jón  
 Authorized Officer