



DECLARATION OF
PERFORMANCE
EN 16153:2013 + A1: 2015-04

- Unique identification code of product type 4-6-10-16-32 mm, Clear and Bronze PC Multiwall Sheet**
- 8691756900038 - 8691756910037 - 8691756910051 - 8691756910068
- 8691756910044 - 8691756900144 - 8691756900014 - 8691756910075
- 8691756900113 - 8691756900021 - 8691756910082 - 8691756900120
- 8691756910129 - 8691756741075 - 8691756900427 - 8691756900410
- Type, batch or serial number or any other element allowing identification of the construction product:**
ROOFPRO Polycarbonate Multiwall Sheet
- Manufacturer:** RAINBOW POLİKARBONAT SAN.TİC.A.Ş. OSB 20. Cad. No:33 38070 Kayseri/Turkey
Tel: 0090 352 322 22 23 Fax: 0090 352 322 23 22 info@rainbowpc.com.tr
- Intended use:** For internal and external use in roofs, walls and ceilings.
- System of assessment and verification of constancy of performance (ACVP):** System 3
- Harmonized standard:** EN 16153:2013 + A1:2015-04 Light transmitting flat multiwall polycarbonate (PC) sheets for internal and external use in roofs, walls and ceilings – requirements and test – CSI s.p – N.B 1020 issued under system 3 reports 1020-CPR-010-038791
- Declared Performance**

Essential Characteristics	Performance
Mechanical resistance	NPD
External fire performance	Broof (t2)
Resistance to fire	NPD
Reaction to fire	B-s1,d0
Water/air permeability	Pass
Dimensional tolerance	Thickness: $\pm 0,5$ mm Length: -0/+%0,4 for L > 3000 m sheets and -0/+12 mm for L \leq 3000 m sheets Width: -2 / +6 mm Weight: <%95 than declared weight/m2
Water vapor permeability	$3,8 \cdot 10^{-5}$ mg/m h.Pa
Release of dangerous substance	NPD
Impact resistance	NPD
Direct airborne sound insulation	NPD
Thermal transmittance	3.9047 W/m ² K for 4 mm 3.4362 W/m ² K for 6 mm 3.0260 W/m ² K for 10 mm 2.2070 W/m ² K for 16 mm 1.2671 W/m ² K for 32 mm
Radiation properties	
- Light transmittance	NPD
- Total solar energy transmittance	NPD
Durability – variation of yellowness Index and light transmittance	NPD
Durability – variation of deformation behavior	NPD

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:

Ahmet YUMRUKAYA

Kayseri, 18.03.2021

RAINBOW POLİKARBONAT SAN. TİC. A.Ş.
Kayseri OSB / Mah. 20. Cad. No: 33
Melikgazi / KAYSERİ
Muharrefin Vp: 734 204 2644
Mersis No: 0734204264400001 Tic.Sic.No: 35955