

Declaration of Performance

N° DoP: 2020-024 SA12



Unique identification code of the product-type:	ONDUCLAIR® PCMW5 16mm P
Intended use/es:	Light transmitting flat multiwall polycarbonate (PC) sheets for internal and external use in roofs, walls and ceilings
Manufacturer:	Onduline 5-7 rue Frédéric Clavel 92150 Suresnes - France
System/s of AVCP:	System 3
Harmonised standard :	EN 16153:2013 + A1:2015
Notified body/ies:	1168 - ASOCIACION PARA EL FOMENTO DE LA INVESTIGACIÓN Y LA TECNOLOGIA DE LA SEGURIDAD CONTRA INCENDIOS (AFITI-LICOF)

Declared performances:


Essential characteristics	Performance	Harmonised standard
External fire performance (class)	Froof (NPD)	EN 16153:2013 + A1:2015
Resistance to fire (class)	NPD	
Reaction to fire (class)	B-s1,d0	
Water vapour permeability (mg/mm.h.Pa)	$3,8 \cdot 10^{-5}$	
Water/air tightness	Pass	
Dimensional tolerances	Pass	
Release of dangerous substances	None	
Shatter properties (safe breakability) as small hard body	Pass	
Shatter properties (safe breakability) as large soft body	NPD	
Mechanical resistance (deformation behaviour)	NPD	
Direct airborne sound insulation	NPD	
Thermal transmittance (W/m².K)	$U_{ver} = 2,1 / U_{hor} = 2,2$	
Light transmittance (Cristal) (%)	tv = 66	
Light transmittance (Other colors) (%)	NPD	
Total solar energy transmittance (Cristal) (%)	te=64 / g=68	
Total solar energy transmittance (Other colors) (%)	NPD	
Resistance to fixings	According to instruction	
Durability as variation of yellowness index after aging	NPD	
Durability as variation of the light transmittance after aging	NPD	
Durability as variation of deformation lexural modulus after aging	NPD	
Durability variation of tensile strength after aging	NPD	

NPD* : No Performance Declared

The performance of the product identified above is in conformity with the set of declared performances in point 7. This declaration of performance is issued, in accordance with Regulation (EU) N° 305/2011, under the sole responsibility of the manufacturer identified above.

Version number : v02

Signed for and on behalf of the manufacturer by:


Nay TAWILE
- Suresnes, 19/06/2024