

Declaration of Performances/Regulation EU 305/2011 Annex III
Dop No. 1607010

1) Unique identification code of the product-type

Light transmitting flat multiwall polycarbonate sheet
AKYVER® SUN TYPE 16/7W-12 OPAL

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

For roofing and cladding of buildings and/or internal and external use for walls and ceilings

3) Manufacturer

DS SMITH PLASTICS FRANCE
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4) Authorised representative

Non applicable

5) System or systems of assessment and verification of constancy of performances of the construction product

System 3

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

Non applicable

7) Declared performances



68240

External fire performance	F_{roof}	EN 16153: 2015
Reaction to fire	B s1 d0	
Resistance to fire	NPD	
Water vapour permeability	$3,8 \times 10^{-5} \text{ mg/m h Pa}$	
Water/ air permeability	Pass	
Release of dangerous substances	NPD	
Dimensional tolerances	Pass	
Shatter properties (save breakability) as:		
- Small hard body impact resistance	Pass	
-Large soft body impact resistance	NPD	
Mechanical resistance (deformation behaviour)	$B_x = 195.3 \text{ Nm}^2/\text{m}$ $B_y = 91.1 \text{ Nm}^2/\text{m}$ $S_y = 2777 \text{ N/m}$ $M_b = 70.1 \text{ Nm/m}$	
Direct airborne sound insulation	NPD	
Thermal transmittance	NPD	
Light transmittance	NPD	
Total solar energy transmittance	NPD	
Resistance to fixings	Fixing method (see the manufacturer's informations)	
Durability, as variation (after ageing)		
- Of yellowness index	ΔA	
- Of light transmittance	ΔA	
- Of deformation flexural modulus	Cu 0	
- Of tensile strength	Ku 0	

8) The performances of the product identified in point 1 are in conformity with the declared performances in point 7. This declaration of performances is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

Name: SCHMIDT-MORGENROTH Edouard

Function: Quality manager

Place and date of issue: Kayserberg, 25/04/2016

Signature:

