

**Declaration of Performances/Regulation EU 305/2011 Annex III**  
Dop No. 0602010

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

Light transmitting flat multiwall polycarbonate sheet  
AKYVER® SUN TYPE 6 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  
BP27 – 75 Route de Lapoutroie  
68240 Kaysersberg, France

T +33 (0)3 89 78 32 43  
F +33 (0)3 89 78 38 56  
www.kaysersberg-plastics.com

**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

<b>External fire performance</b>	$F_{roof}$	EN 16153: 2015
<b>Reaction to fire</b>	B s1 d0	
<b>Resistance to fire</b>	NPD	
<b>Water vapour permeability</b>	$3,8 \times 10^{-5} \text{ mg/m h Pa}$	
<b>Water/ air permeability</b>	Pass	
<b>Release of dangerous substances</b>	NPD	
<b>Dimensional tolerances</b>	Pass	
<b>Shatter properties (save breakability) as:</b>		
- Small hard body impact resistance	Pass	
-Large soft body impact resistance	NPD	
Mechanical resistance (deformation behaviour)	$B_x = 15.6 \text{ Nm}^2/\text{m}$	
	$B_y = 12.0 \text{ Nm}^2/\text{m}$	
	$S_y = 3193 \text{ N/m}$	
	$M_b = 13.4 \text{ Nm/m}$	
<b>Direct airborne sound insulation</b>	NPD	
<b>Thermal transmittance</b>	NPD	
<b>Light transmittance</b>	NPD	
<b>Total solar energy transmittance</b>	NPD	
<b>Resistance to fixings</b>	Fixing method (see the manufacturer's informations)	
<b>Durability, as variation (after ageing)</b>		
- Of yellowness index	$\Delta A$	
- Of light transmittance	$\Delta A$	
- 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: Kaysersberg, 22/04/2016

Signature:

