

**DECLARATION OF PERFORMANCE  
REGULATION (EU) No 305/2011  
No: 092018 SMARCLIC**

1. Unique identification code of the product-type:

**Light transmitting multiwall polycarbonate sheet.**

2. Type, batch or serial number or any other element allowing identification of the construction product under Article 11(4) of CPR:

**Danpalon SMARTCLIC**

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

**For internal and external use in roofs, walls and ceilings**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

**PAL PLASTIC, S.A.**  
Polígono Industrial de GOIAIN  
01170 LEGUTIANO (Alava)  
Tel.: 945 465 821  
[adi@palplastic.es](mailto:adi@palplastic.es)

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

**Not applicable**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

**system 3**

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

**Not applicable**

8. Declared performance:

Essential characteristics	performance	Harmonised technical specification																																					
Reaction to fire	B, s1, d0	EN 16153																																					
Resistance to fire	NPD																																						
Water vapour permeability	$3.8 \times 10^{-5} \text{ mg/m}\cdot\text{h}\cdot\text{Pa}$																																						
Water /Air permeability	Pass																																						
Release of dangerous substances	NPD																																						
Dimensional tolerances	Pass																																						
Thermal transmittance	$U = 1.4 \text{ W/m}^2\text{K}^\circ$																																						
Light transmittance and total solar energy transmittance  (ASHREA STANDARD 74-1988)	<table border="1"> <thead> <tr> <th>COLOR</th> <th>LT %</th> <th>ST %</th> <th>SHGC</th> </tr> </thead> <tbody> <tr> <td>CLEAR</td> <td>68</td> <td>58</td> <td>0.60</td> </tr> <tr> <td>OPAL</td> <td>32</td> <td>38</td> <td>0.42</td> </tr> <tr> <td>LIGHT OPAL</td> <td>39</td> <td>42</td> <td>0.46</td> </tr> <tr> <td>ICE</td> <td>39</td> <td>42</td> <td>0.46</td> </tr> <tr> <td>GREEN</td> <td>60</td> <td>49</td> <td>0.53</td> </tr> <tr> <td>BLUE</td> <td>50</td> <td>53</td> <td>0.56</td> </tr> <tr> <td>GREY</td> <td>24</td> <td>31</td> <td>0.41</td> </tr> <tr> <td>REF GREY</td> <td>20</td> <td>17</td> <td>0.28</td> </tr> </tbody> </table>		COLOR	LT %	ST %	SHGC	CLEAR	68	58	0.60	OPAL	32	38	0.42	LIGHT OPAL	39	42	0.46	ICE	39	42	0.46	GREEN	60	49	0.53	BLUE	50	53	0.56	GREY	24	31	0.41	REF GREY	20	17	0.28	
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Resistance to Fixing	Method of fixing (see manufacturer's technical book)																																						
Thermal expansion	$0.065 \text{ mm/m } ^\circ\text{K}$																																						
Durability , as variation (after aging) Of yellowness index  Of light transmittance	$\Delta A$																																						
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10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**Ronen Kalisher**  
**Quality Assurance Manager**

Signature: \_\_\_\_\_

