

## 12 mm POLYCARBONATE SOLID SHEET

1. Unique identification code of the product-type: POLICAM POLICARBONATE SOLID SHEET-12MM CLEAR
2. Intended use/es : Internal and external wall and ceiling finishes
3. Manufacturer : ISIK PLASTIK SAN. ve DIS. TIC. PAZ. A.S
4. Authorised representative : Not relevant
5. System/s of AVCP : System 3
- 6a. Harmonised standard : EN 16240:2013  
Notified body/ies : EFECTIS ERA AVRASYA –2184
- 6b. European Assessment Document :  
European Technical Assessment :  
Technical Assessment Body :  
Notified body/ies :
7. Declared performance/s

<b>Essential characteristics</b> <i>Temel Karakteristikler</i>	<b>Performance</b> <i>Performans</i>
External fire performance <i>Harici Yangın Performansı</i> EN 13501-5	NPD
Reaction to fire <i>Yangına Karşı Tepki</i> EN 13501-1	E
Resistance to fire <i>Yangına Dayanım</i> EN 13501-2	NPD
Water vapour permeability <i>Su buharı geçirgenliği</i> EN ISO 12572.	$3,8 \cdot 10^{-5}$ mg/m h.Pa
Water/air permeability <i>Su/Hava Geçirgenliği</i>	PASS

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Release of dangerous substances <i>Tehlikeli madde salınımı</i>	NPD
Dimensional tolerances <i>Boyutsal toleranslar</i>	Thickness : $\pm 5\%$ equal to 2mm and up or equal to 5mm. / $\pm 10\%$ greater than 5mm Length / Width : 0 % to + 0,30 % of the declared sheet length/width.
Shatter properties (safe breakability) as :	
-Small hard body impact resistance	PASS
-Large body impact resistance (assembly)	NPD
Mechanical resistance (deformation behaviour) <i>Mekanik direnç</i>	$E_{f,mean} = 2200 \text{ N/mm}^2$ $E_{f,charac} = 2000 \text{ N/mm}^2$ $\sigma_{M,mean} = 60 \text{ MPa}$ $\sigma_{M,charac} = 55 \text{ MPa}$
Direct airborne sound insulation <i>Havadaki ses yalıtımı</i>	R= 33 (-1;-3) dB
Thermal transmittance <i>Isıl geçirgenlik</i>	4,34 W/m <sup>2</sup> .K
Light transmittance	T <sub>v</sub> = 81,3 %
Total solar energy transmittance	T <sub>e</sub> = 72,2 % g = 78,8 %
Resistance to fixings	Method of fixing <i>(see manufacturer's datasheet)</i>
Durability, as variation (after ageing)	NPD

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

The performance of the product identified above is in conformity with the set of declared performance/s. 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:

[name] : Şenay İskender / R&D Project Engineer

At [place] : Mustafapasa mah. İhsan Dede cad No:101 Gebze - KOCAELİ /TÜRKİYE

on [date of issue] : 25.07.2018

[signature] :

