

2 mm POLYCARBONATE SOLID SHEET

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>	--
Thermal transmittance <i>Isıl geçirgenlik</i>	5,55W/m ² .K
Light transmittance	$T_v = 87,1\%$
Total solar energy transmittance	$T_e = 78,6\%$ $g = 83,6\%$
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] :

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Direct airborne sound insulation <i>Havadaki ses yalıtımı</i>	--
Thermal transmittance <i>Isıl geçirgenlik</i>	5,63 W/m ² .K
Light transmittance	$T_v = 87,2\%$
Total solar energy transmittance	$T_e = 79,2\%$ $g = 84,1\%$
Resistance to fixings	Method of fixing <i>(see manufacturer's datasheet)</i>
Durability, as variation (after ageing)	NPD

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