

# Evidence of Performance

total solar energy transmittance  
light transmittance



## Test report 410 34743e

This test report is a translation of test report 410 34743 dated 8 April 2009

Client **Holis Metal Industries LTD.**  
Industrial Zone Alon-Tavor

18550 Afula  
Israel

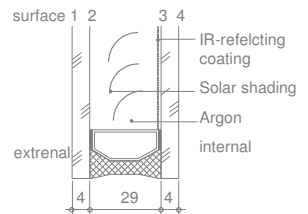
### Basis

In-house procedure  
Calorimetric determination of  
the solar heat gain coefficient g  
2002-06

DIN 5036-3: 1979-11  
Radiometric and photometric  
properties of materials

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### Representation



### Instructions for use

This test report may be used to  
classify the total solar energy  
transmittance  $g$  and the light  
transmittance  $\tau_v$  of the  
insulating glass unit. The  
results refer to the „center-of-  
glazing“. Neither the impact of  
the edge bond nor the impact of  
the spacer were considered.  
The values result from direct  
incident radiation, diffuse  
incident radiation has to be  
considered separately.

### Validity

The data and results given  
relate solely to the described,  
tested object.

Testing the total solar energy  
transmittance does not allow  
any statement to be made on  
further characteristics of the  
present structure, which could  
define performance and quality.

### Notes on publication

The **ift**-Guidance Sheet  
"Conditions and Guidance for  
the Use of **ift** Test Documents"  
applies.

The report contains 7 pages in  
total

- 1 Object
- 2 Procedure
- 3 Detailed results

Product	Insulating glass unit with internal blind		
System designation	iplus neutral ET		
Construction	4/29/4		
Gas filling	Argon 90 %		
Coating	iplus ET / Interpane on surface 3 ( $\epsilon_n = 0,03$ )		
Solar shading	blind in the cavity		
Name of the solar shading	V2W (Venetian2Window) / Company Holis Metal Industries		
Blinds	Width of blinds:	16 mm	
	Distance between blinds :	13 mm	
Colour	Aluminium Silver (diffuse reflecting)		

Total solar energy transmittance  $g$   
Light transmittance  $\tau_v$



$$g = 0.13 - 0.28^*$$

$$\tau_v = 0.04 - 0.12^*$$

\*exact value depending solar incidence angle and position of  
the lamella



ift Rosenheim  
22 June 2009

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