

Evidence of Performance

Classification of the stability of metal-plastic composite profiles with thermal barrier acc. to ETAG 002-3



Test Report 501 33290/1e*

*Translation of test report 501 33290/1 dated
16 June 2009

Client **ETEM S. A.**
light metals industry
1 Iroon Polytechniou Str.

19018 Magoula Greece

Basis

'ETAG No. 002/ part 3 (2002-03) Structural Sealant Glazing Kits (SSGK)
Part 3: Systems Incorporating Profiles with a Thermal Barrier

Product **Metal-plastic composite profiles with thermal barrier**

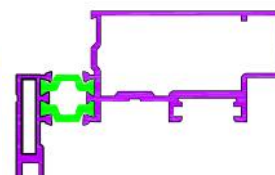
Designation **E-85210 from the system E-85**

Insulating bars **Insulating bar 219900**

Surface treatment **Stove-enamel finished**
The surface treatment was accomplished before connecting the inner/outer profiles with the insulating bars

Special features **Metalprofiles with thermal barrier for structural sealant glazing kits (SSGS)**

Representation



Instructions for use

The present test report serves to demonstrate the characteristic values as per ETAG No 002/ part 3

Thermal break parameters as calculated values



The requirements of the ETAG 002 Part 3 as to the tested characteristics are fulfilled by the insulating bars by the profile E-85210 from the system E-85 with the described combination.

Validity

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

Testing of characteristic values of stability of metal profiles with thermal barrier does not allow any statement to be made on further characteristics of the present structure regarding performance and quality.

Notes on Publication

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

The cover sheet can be used as abstract.

Characteristic value	Initial State			After ageing I		
	-20 °C	+23 °C	+80 °C	-20 °C	+23 °C	+80 °C
Temperature						
Transverse tensile strength in N/mm	75,4	66,4	45,9	95,8	78,8	73,9
Shear strength in N/mm	75,7	58,2	43,8	66,2	50,6	36,4

ift Rosenheim
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