Evidence of Performance

Classification of the stability of metal profiles with thermal barrier

Test Report 501 31692/1e*

*) Translation of test report 501 31692 dated 21 April 2009

Client	**ETEM S. A.** **light metals industry** 1 Iroon Polytechniou Str. 19018 Magoula Greece
Product	Metal profiles with thermal barrier
Designation	E-8250 from system E-8000
Insulating bars	912000 and 227500
Surface treatment	stove-enamel finished The surface treatment was accomplished before connecting the inner/outer profiles with the insulating bars.
Special features	-/-

Characteristic values for mechanical performance

The requirements of the ETAG 002 Part 3 as to the tested characteristics are fulfilled by the profile E-8250 from system E-8000

Characteristic value	Initial State			After ageing I		
Temperature	-20 °C	+23 °C	+80 °C	-20 °C	+23 °C	+80 °C
Transverse tansile strength in N/mm	84.9	71.9	71.9	79.9	70.9	77.8
Shear strength in N/mm	68.7	60.2	42.3	63.0	50.8	33.9

ift Rosenheim
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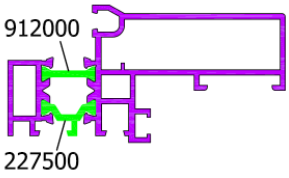
Basis

'ETAG No. 002/ part 3 (2002-03) Structural Sealant Glazing Kits (SSGK)

Part 3: Systems Incorporating Profiles with a Thermal Barrier

Representation



Instructions for use

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

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.

Contents

The report contains a total of 11 page/s

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