

Interscience Fire Laboratory

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**Executive summary of test results and
 Opinion on compliance with the requirements given in EN 45545-2 Table 5 (R1)**

Sponsored by

SMU Powder Coatings
 AkzoNobel Center
 Christian Neefestraat 2
 1077 WW Amsterdam
 The Netherlands

Product details: The product was a 1.2mm thick metal sheet coated with a grey paint referenced "Interpon Polyester"

Test Ref	Test Method	Parameter	ICL Report No.	Test Result	EN 45545-2 Requirements			
					HL1	HL2	HL3	
T02	ISO 5658-2	CFE (kW/m ²)	ICL/H19/10687	40.31	Minimum	20	20	20
T03.031	ISO 5660-1	MARHE kW/m ²	ICL/H19/10688	34.8	Maximum	A	90	60
T10.01	EN ISO 5659-2	Ds(4)	ICL/H19/10689	85.30	Minimum	600	300	150
T10.02	EN ISO 5659-2	VOF ₄	ICL/H19/10689	140.38	Maximum	1200	600	300
T11.01	EN 45545-2 Annex C.1	CITG(4min) CITG)8min)	ICL/H19/10690	0.015 0.015	Maximum	1.2	0.9	0.75

a If flaming droplets/particles are reported according to 5.3.7 during the test ISO 5658-2, or for the special case of materials which do not ignite in ISO 5658-2 and are additionally reported as unclassifiable, the following requirements shall be added:

Test to the requirements of EN ISO 11925-2 with 30 s flame application.

The acceptance requirements are: Flame spread < 150 mm within 60 s; no burning droplets/particles.

This executive summary has been prepared at the sponsors request and should be read in conjunction with formal reports that might contain additional useful information. This summary is provided in good faith this should not be used on its own to demonstrate or imply satisfactory performance, or otherwise, against a standard nor should they be used to imply compliance or deemed to satisfy regulatory requirements. Interscience Fire Laboratory reserves the right to amend the information or results following further analysis of the data and prior to publication of the approved Test Report.

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