

CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1:2007+A1:2009

Sponsor	LANTOR BV P.O. Box 45 NL-3900 AA VEENENDAAL The Netherlands
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Notified Body no.	1234
Product name	CondenStop AN S25312 (anti-condensation fleece)
Classification report no	2011-Efectis-R0230 (Rev.1)
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This classification report consists of five pages and may only be used in its entirety.

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1. Introduction

This classification report defines the classification assigned to **CondensStop AN S25312** (anti-condensation fleece) in accordance with the procedures given in EN 13501-1:2007+ A1:2009.

2. Details of classified product

2.1 General

The product, **CondensStop AN S25312** (anti-condensation fleece), is defined as an internal condensation control fleece for metal roofing.

2.2 Product description

The product is composed of:

- Fibre (polyester)
- Binder (acrylate / PAN – PMMA – microspheres)
- Finish (hotmelt adhesive)
- Colour (standard gray or light brown)
- Release foil (HDPE – liner)

The product has a total thickness of 1.8 mm and a mass per unit area of approx. 123 g/m² (excluding release foil).

Remark: The Technical Data Sheet of the product is included in the test reports

2.3 Manufacturer/Importer

LANTOR BV
P.O. Box 45
NL-3900 AA VEENENDAAL
The Netherlands

3. Reports and results in support of this classification

3.1 Reports

Name of Laboratories	Name of sponsor	Report ref. no.	Test method
Efectis Nederland BV The Netherlands	LANTOR BV The Netherlands	2011-Efectis-R0228 2011-Efectis-R0229 (Rev.1)	EN ISO 11925-2:2010 EN 13823:2010

3.2 Test results

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
EN 13823	FIGRA _{0.2MJ} [W/s]	3	85	-
	FIGRA _{0.4MJ} [W/s]		40	-
	THR _{600s} [MJ]		0.9	-
	LFS < edge		-	Compliant
	SMOGRA [m ² /s ²]		10.6	-
	TSP _{600s} [m ²]		29	-
	Flaming debris - flaming ≤ 10 s - flaming > 10 s		-	Compliant Compliant
EN-ISO 11925-2				
surface flame impingement	Fs ≤150 mm	6	37	-
	Ignition of filter paper		-	Compliant
edge flame impingement	Fs ≤150 mm	6	41	-
	Ignition of filter paper		-	Compliant

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 11 of EN 13501-1:2007+A1:2009.

4.2 Classification

The product, **CondensStop AN S25312** (anti-condensation fleece), in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming droplets / particles is:

d0

Reaction to fire classification: B – s1, d0

4.3 Field of application

This classification is valid for the following product parameters:

- Thickness 1.8 mm
- Surface density 123 g/m² (excluding release foil)

This classification is valid for the following end use applications:

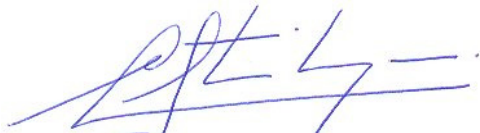
- Substrate steel sheet, thickness approx. 1.2 mm (class A1/A2 according to EN 13238:2010)
- Air gap free standing
- Methods and means of fixing glued with hotmelt adhesive (self-adhesive)
- Joints parallel joints only

4.4 Duration of the validity of this classification report

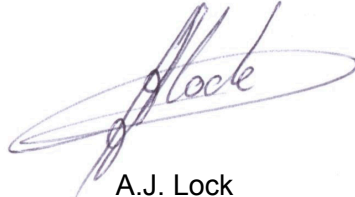
There are no limitations in time on the validity of this report.

5. Limitations

This classification document does not represent type approval or certification of the product.



C.C.M. Steinhage B.Sc.



A.J. Lock

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