

Report of the classification of the reaction to fire behaviour

No. 231002024-1 dated 13.10.2023

English version

Sponsor *):

ANTALIS INTERNATIONAL
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92100 Boulogne-Billancourt
Frankreich

Order: Classification of the reaction to fire behaviour according to
DIN EN 13501-1: 2019-05

Date of order: 22.09.2023

Description / name of the classified building product *):

Self-adhesive, polymer PVC-films with the denominations
„Coala 2D Dynamic 75 White Gloss P“, „Coala 2D Dynamic 75 White Gloss PG“ and
„Coala 2D Dynamic 75 White Gloss PGAF“

This report determines the classification of the above mentioned building product in compliance with the procedure specified in DIN EN 13501-1.

*) The product was submitted for testing by a different sponsor under an alternative product name. Further information is on file at MPA NRW.

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This classification report consists of 4 pages.

1 Description of the building product

Description of the building product

Self-adhesive, polymer PVC-films

The polymeric PVC films, which can be printed in any color with solvent or latex inks, are furnished with a self-adhesive layer based on solvent acrylate.

Depending on the version of the PVC film, the self-adhesive layer is gray or transparent.

The self-adhesive PVC-films have the following denominations:

- „Coala 2D Dynamic 75 White Gloss P“
- „Coala 2D Dynamic 75 White Gloss PG“
- „Coala 2D Dynamic 75 White Gloss PGAF“

Thickness of the PVC-films: appr. 75 µm

Weight per unit area of the self-adhesive PVC-films: appr. 125 g/m².

2 Test reports and test results which form the basis of the classification

2.1 Test reports

Name of the laboratory	Sponsor	Number of the test report	Testing method
MPA NRW	for testing submitted by another sponsor *)	231001156-1 dated 18.02.2022	DIN EN 13823
MPA NRW	for testing submitted by another sponsor *)	231001156-2 dated 18.02.2022	DIN EN ISO 11925-2

*) Information about this are stored in the file of MPA NRW

2.2 Test results

The test results listed below form the basis of the classification. The test reports listed in clause 2.1 contain the results of additional tests which have been carried out to determine the most unfavourable variants regarding the reaction to fire behaviour.

Test procedure	Number of tests	Parameter	Test results
DIN EN 13823	11	FIGRA _{0,2 MJ} (W/s)	181
		FIGRA _{0,4 MJ} (W/s)	151
		THR _{600s} (MJ)	1,3
		LFS	< edge
		SMOGRA (m ² /s ²)	8
		TSP _{600s} (m ²)	33
		Duration of flaming dripping/dropping of particles (s)	0
DIN EN ISO 11925-2	96	F _s (mm)	≤ 150
Flame impingement: 30 s		Flaming droplets/particles	no

3 Classification and direct field of application

3.1 Reference

The classification was carried out in compliance with clauses 11 and 14.1 of the standard DIN EN 13501-1:2019-05.

3.2 Classification

With reference to its fire behaviour the material has been classified as: **C**
The additional classification regarding smoke production is: **s1**
The additional classification regarding flaming droplets / particles is: **d0**

Therefore the fire behaviour of the material is classified:

Fire behaviour	Smoke production	Flaming droplets/particles
C	s1	d0

i.e. **C-s1, d0**

3.3 Field of product application

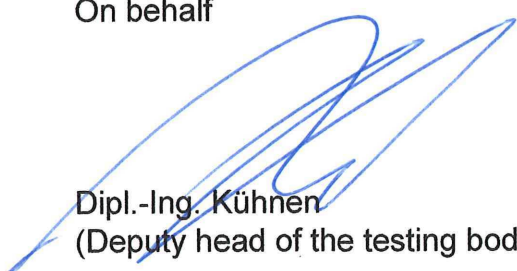
The classification is solely valid for the building products described in clause 1 glued to metallic substrates of class A1 and A2-s1, d0 in accordance with DIN EN 13501-1. The substrates must have a thickness of $\geq 0,8$ mm, a raw density of ≥ 5887 kg/m³ as well as a melting point of $\geq 1000^{\circ}\text{C}$.

4 Restrictions

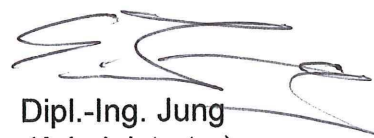
This classification report does not replace a type approval or product certification.

This classification report written in English language is issued additionally to the report written in German language with the same report number. In case of doubt the German version is solely valid. This classification report is only valid in combination with the German version of the report.

Erwitte, 13.10.2023
 On behalf


 Dipl.-Ing. Kühnen
 (Deputy head of the testing body)




 Dipl.-Ing. Jung
 (Administrator)

Date of issue of this English version: 13.10.2023