

Anlage zum Artikel SPINDE & FÄCHERSCHRÄNKE

Artikelgruppe	Artikelbezeichnung
11xx Spinde	Kleider-, Doppel-, Z-Spinde div. Ausführungen (oh. Ladefunktion)
12xx Garderobenspinde	Garderobenspinde div. Ausführungen (oh. Ladefunktion)
21xx Fächerschränke	Fächerschränke div. Ausführungen (oh. Ladefunktion)

Die o.g. Artikel erfüllen gemäß nachfolgender **Prüfzertifizierung** folgende Brandschutzklasse:

- Brandschutzklasse A2 "nicht brennbar" – gemäß EN 13501-1

Stand: 09/2022

- 1/1 -

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CLASSIFICATION IN THE RANGE OF REACTION TO FIRE acc. to PN-EN 13501-1:2019-02

Number of agreement: 01195/22/Z00NZZ

Ordering institution:	MALOW Spółka z o.o. ul. Wojska Polskiego 114 A 16-400 Suwałki
Compiled by:	Zakład Badań Ogniwych [Fire Testing Department] Instytutu Techniki Budowlanej [Building Research Institute] ul. Filtrowa 1 00-611 Warsaw
Name of product:	Metal furniture made of steel sheet coated with polyester paint
Classification report No.:	01195/22/Z00NZZ
Issue No.: 1	Copy No: 1
Issue date:	24 th May 2022

This classification report consists of three pages, it can be utilised or copied only in its entirety.

1. Introduction

This classification report presents the classification assigned to metal furniture constructed of steel sheet coated with polyester paint, according to the procedures as determined in PN-EN 13501-1:2019-02.

2. Detailed information considering classified product

Metal furniture constructed of steel sheet coated with polyester paint, manufactured by MALOW Spółka z o.o., address: ul. Wojska Polskiego 114 A, 16-400 Suwałki.

2.1 Product description

The product is described below.

Metal furniture constructed of steel sheet coated with polyester paint of trade name Pulverit 59 PE, PPG PE, Helios PES, Helios CPC.

- Polyester paint consumption: up to 180 g/m² ± 10%,
- Colour: any,
- Gloss: any,
- Paint type: polyester

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I, the undersigned Gerard Piotr Głośny, a duly sworn translator of English, entered in the register of Sworn Translators and Interpreters maintained by the Minister of Justice under number TP/4478/05, hereby certify that the foregoing text is a true and complete translation of a copy of a Polish document presented to me.

62/2022

Nr rep.
Stwierdzam zgodność powyższego przekładu
z oryginałem dokumentu.

Tytułem wynagrodzenia pobrano zł
Suwałki, dnia 09.08.2022

Tłumacz przysięgły języka angielskiego

mgr Gerard Piotr Głośny



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3. Test reports and test results constituting basis of classification

3.1 Test reports:

Name of laboratory	Name of the Ordering Institution:	Test report No.:	Test method
ITB Fire Testing Laboratory	MALOW Spółka z o.o.	LZP02-01195/22/Z00NZP	PN-EN ISO 1716:2010
		LZP05-01195/22/Z00NZP	PN-EN 13823+A1:2014

3.2 Test results

Test method	Parameter	Number of tests	Results	
			Constant parameter - average value (m)	Consistency with parameter
PN-EN ISO 1716:2010	PCS (MJ/m ²)	3	2.79	(-)
PN-EN 13823+A1:2014	FIGRA _{0.2MJ}	3	59.7	(-)
	FIGRA _{0.4MJ}		27.9	(-)
	LFS < edge		(-)	Y
	THR _{600s} [MJ]		0.8	(-)
	SMOGR _A [m ² /s ²]		11.4	(-)
	TSP _{600s} [m ²]		45.9	(-)
	Burning drops/particles		(-)	N
Metal furniture	PCS [MJ/kg]	(-)	0,35	(-)

(-): not relevant
Y: YES, N: NO
Steel sheet according to PN-EN 13501-1:2019-02 classified A1 acc. to 96/603/EU, assumed PCS 0.0 MJ/kg

4. Classification and its range of applications

4.1 Presentation of classification

This classification was determined according to PN-EN 13501-1:2019-02.

4.2 Classification

The product described in point 2 of this classification document received the following class with respect to reaction to fire:

A2

With respect to smoke emission, the product received the following additional classification:

s1

With respect to occurrence of burning drops/particles, the product received the following additional classification:

d0

The classification designation format with respect to reaction to fire for construction products, excluding flooring and products for thermal insulation of ducts, is as follows:

Fire characteristics		Emission of smoke			Burning drops	
A2	-	s	1	,	d	0

i.e.: **A2-s1,d0**

Classification of reaction to fire: A2-s1,d0

This classification applies to the end uses according to the technical conditions which should be met by buildings and their localisation, as for a "non-combustible product, not dripping when exposed to fire" acc. to the Regulation of the Minister of Infrastructure of 12th April 2002 (Journal of Laws No. 75 of 12th April 2002, item 690, as amended). The product is further assessed as not falling off when exposed to fire and as not spreading fire in building interiors and exteriors.

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4.3 Range of applications

- This classification applies to the metal furniture constructed of steel sheet coated with polyester paint, with the characteristics as described in point 2.
- The metal furniture is constructed of steel sheet coated with polyester paint of the gross calorific value not exceeding 4.0 MJ/m² and the calculated gross calorific value of the metal sheet coated with paint for each individual product as a whole not exceeding 3.0 MJ/kg.
- The metal furniture constructed of steel sheet coated with polyester paint is fixed directly to, or at any distance from materials of minimal reaction to fire classification A2-s3,d0, or to plasterboards.

5. Reservations

This classification shall remain valid unless:

- the testing method is changed,
- the standard of the product, or the national technical assessment of the product are changed,
- any changes of the product structure and materials exceeding the boundaries of the range of application as defined in p. 4.3 are made.

3 copies of this classification report were issued (2 for the ordering party, one will remain in the archives of the ITB Fire Research Department). The ITB Fire Research Department can issue certified copies of this document only upon request by Holder of this report.

This classification document does not be treated as a national assessment document, or a certificate of the product.

Signed by

[illegible signature]

Łukasz Jarochowicz

Approved by

Head of the Fire Research Department

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