
CLASSIFICATION OF REACTION TO FIRE ACCORDANCE WITH EN 13501-1:2018

1. Introduction

This classification report defines the classification assigned to Chipboard construction „PremiumBoard MFP P5”, Thickness range 10-25 mm, in accordance with the procedures in EN 13501-1:2018.

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Notified Body No: -

Product name: Chipboard construction „PremiumBoard MFP P5”.
Thickness range 10-25 mm.

Classification report No: SL/Z-473/EN13501/498a/2021-v2

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2. Details of classified product

2.1. General

The product, Chipboard construction „PremiumBoard MFP P5”. Thickness range 10-25 mm.

2.2. Product description

The product, Chipboard construction „PremiumBoard MFP P5”, Thickness range 10-25 mm, is described below or is described in the reports provided in support of classification listed in 3.1

Construction particleboard "PremiumBoard MFP P5" - board with wood chips bonded with urea-formaldehyde resin with melamine from 18 to 20%, flat-pressed, single-layer, transferring loads for internal use in humid conditions from 10 mm to 25 mm thickness.
 Wood chips. Urea-formaldehyde glue resin with the addition of 18 to 20% melamine.
 Hardener – RSM (Urea-Ammonium Nitrate solution).
 Paraffin emulsion - oil in water type up to 60% of paraffin.

3. Reports and results in support of this classification

3.1. Specific conditions

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3.2. Reports

Name of Laboratory	Name of sponsor	Report ref. No.	Test method and date Field of application rules and date
Sychta Laboratorium	Pfleiderer Wieruszów Sp. z o.o.	SL/Z-473/EN9239/497a/2021	PN-EN ISO 13823 PN-EN ISO 11925-2 13.07.2021

3.3. Results

Test method and test numer	Parameter	No. Tests ^a	Results	
			Continuous parameter - mean (m)	Compliance with parameters
PN-EN 9239-1	CHF/HF-30, kW·m ⁻²	3	6,3	(-)
	Smoke Sc, %-min		11	(-)
PN-EN ISO 11925-2 Exposure time 15 s	Flame spread > 150 mm in 20 s, mm	6	(-)	Complaint
	Ignition of paper		(-)	Complaint

^a Not for extended application, (-): not applicable

4. Classification and field of application

4.1. Reference of classification

This classification has been carried out in accordance with EN 13501-1:2018.

4.2. Classification

The product, Chipboard construction „PremiumBoard MFP P5”, Thickness range 10-25 mm in relations to its reaction to fire behaviour is classified:

C_n

The additional classification in relations to smoke production is:

s1

The format of the reaction to fire classification for floorings products is:

Fire behaviour		Smoke production	
C_n	-	s	1

Reaction to fire classification: C_n-s1

4.3. Field of application

This classification is valid for the following product parameters:

- chipboard construction
- density depends on the thickness: $740\text{kg/m}^3 \pm 10\%$
- thickness range between 10 and 25 mm.

The classification is valid for the following end use applications:

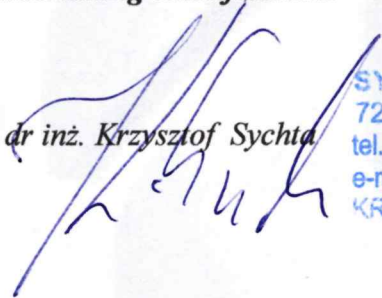
Product lay and/or fixed to mineral substrates of A1 or A2-s1, d0 class.

5. Limitations

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

**Signature of person
undertaking classification:**

dr inż. Krzysztof Sychta



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