



**® TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.**  
**Technical and Test Institute for Construction Prague, SOE**

Akreditované zkušební laboratoře, Autorizovaná osoba, Notifikovaná osoba, Oznámený subjekt, Subjekt pro technické posuzování, Certifikační orgány, Inspekční orgán / Accredited Testing Laboratories, Authorized Body, Notified Body, Technical Assessment Body, Certification Bodies, Inspection Body • Prosecká 811/76a, Prosek, 190 00 Praha 9, Czech Republic

**Certification Body No 3015 accredited by the CAI  
according to the ČSN EN ISO/IEC 17065:2013**

Certification schemes TZUS-1a (based on the scheme 1A by ČSN EN ISO/IEC 17067:2014,  
based on testing)

**Branch 0800 – FIRE SAFETY**

**REACTION TO FIRE**

# **REPORT**

**in accordance with ČSN EN 13501-1:2019**

**080-025410**

Product Name:

**Decorative wallcoverings  
Model: WOOD (IT), SOLID (SD)**

carried out on the basis of test report No. 23/P353 and 010-046731

Order No: Z 080230004

Classification report No.: PKP – 23 - 068

Applicant: Korea Testing and Research Institute  
98 Gyooyukwon-ro, Gwacheon-Si, Gyeonggi-do  
Republic of Korea

Producer: KOINTEC INC.  
38, Haogae-gil, Chowol-eup, Gwangju-si, Gyeonggi-do  
Republic of Korea

Ordering Party: Notified Body 1020, Technical and Test Institute for Construction  
Prague, SOE, Branch 0100 – Prague, Prosecká 811/76a, 190 00  
Praha 9, Czech Republic

Prepared by: Technical and Test Institute for Construction Prague, SOE  
Branch 080 – Fire Safety  
Prosecká 811/76a, 190 00 Praha 9 – Prosek, Czech Republic

Date of issue: 31.7.2023

This document consists of 5 pages

Number of prints: 3  
Issue number: 1

Note: This classification report may only be used or reproduced in its entirety.

Technical and Test Institute for Construction Prague, Branch Office 0800-FIRE SAFETY, Prosecká 76a, 190 00 Praha 9, Czech Republic, Tel.: 286 019 400, Fax: +420 286 019 393, Internat.: +420 286 019 400, e-mail: praha@tzus.cz, www.tzus.cz  
Bank Name: KB Praha 1 Czech Republic, Account number: 1501-931/0100, INo: 00015679, VAT: CZ00015679

## 1. Introduction

1.1. This Classification Report determines the classification of a product called **Decorative wallcoverings, Model: WOOD (IT), SOLID (SD)** in accordance with the procedures in ČSN EN 13501-1:2019.

1.2. **Normative backgrounds (including changes):**

- ČSN EN 13501-1: Fire classification of construction products and building structures - Part 1: Classification according to the results of reaction to fire tests (9/2019)
- ČSN EN ISO 11925-2: Testing of reaction to fire - Flammability of construction products exposed to direct flame - Part 2: Testing for a small flame source (7/2020)
- ČSN EN 13823+A1: Reaction to fire tests for building products – Building products excluding floorings exposed to the thermal attack by a single burning item (10/2022)
- ČSN EN 13238: Reaction to fire tests for building products - Conditioning procedures and general rules for selection of substrates (6/2010)
- ČSN P CEN/TS 15117: Guidance on direct and extended application (2/2006)
- ČSN EN 15102+A1: Decorative wall coverings – Roll and panel form (5/2012)

## 2. Description of the construction product

### 2.1. Generally

**Product – Decorative wallcoverings, Model: WOOD (IT), SOLID (SD)** are defined according to the ČSN EN 15102+A1: Decorative wall coverings – Roll and panel form.

### 2.2. Description

Decorative wallcoverings KOINTEC WOOD (IT) and KOINTEC SOLID (SD) are of wallcovering products in roll for hanging onto internal walls, partitions or ceilings., whose primary purpose is decorative.

The product is produced in the following types:

**Model WOOD:**

IT 104, IT 110, IT 111, IT 113, IT 118, IT 122-1, IT 124, IT 127, IT 141, IT 151, IT 153, IT 155, IT 157, IT 202, IT 203, IT 204, IT 204-1, IT 205, IT 205-1, IT 207, IT 210, IT 211, IT 218, IT 223, IT 229, IT 230, IT 231, IT 232, IT 233, IT 234, IT 235, IT 236, IT 237, IT 238, IT 240, IT 243, IT 244, IT 245, IT 246, IT 247, IT 248, IT 249, IT 250, IT 251, IT 252, IT 253, IT 254, IT 255, IT 256, IT 307, IT 308-1, IT 310, IT 311, IT 327, IT 331, IT 332, IT 333, IT 334, IT 335, IT 336, IT 337, IT 338, IT 339, IT 403, IT 406, IT 407, IT 414, IT 419, IT 422, IT 423, IT 424, IT 601, IT 602, IT 603, IT 604, IT 605, IT 606, IT 610, IT 611, IT 612, IT 613, IT 614, IT 615, IT 616, IT 617, IT 619, IT 818, IT 819, IT 822, IT 827, IT 839, IT 840, IT 841, IT 842, IT 843, IT 844.

**Model SOLID:**

SD 1901, SD 1902, SD 1903, SD 1904, SD 1905, SD 901, SD 902, SD 903, SD 904, SD 905, SD 906, SD 907, SD 908, SD 908-2, SD 910, SD 910-1, SD 917, SD 918, SD 919, SD 920, SD 921, SD 922, SD 923, SD 924, SD 925, SD 926, SD 927, SD 928, SD 929, SD 930, SD 931, SD 932, SD 933, SD 934, SD 935, SD 936, SD 937, SD 940, SD 941, SD 942, SD 943, SD 944, SD 945, SD 946, SD 947, SD 948, SD 949, SD 954, SD 956, SD 957, SD 958, SD 959, SD 970, SD 971, SD 972, SD 974, SD 975, SD 976, SD 980, SD 981, SD 982, SD 983, SD 984, SD 985, SD 986, SD 987, SD 988, SD 989, SD 990, SD 991, SD 992, SD 993, SD 994, SD 995, SD 996, SD 997, SD 998, SD 999.

Thickness: approx 0,2 - 0,4 mm  
Mass per unit area: approx 250 - 370 g/m<sup>2</sup>



IT 619 type was tested - assumption of the worst results.

The product is fully described in the test report in support of classification listed in clause 3.1

### 3. Protocols and results used for this classification

#### 3.1. Protocols

No.	Name of the laboratory	Name of the customer	Protocol No. Date of issue	Test method and date Application rules area and date
[1]	Institute for Testing and Certification, Inc. Testing division - Prague AZL č. 1007.4	Technický a zkušební ústav stavební Praha, s.p. Prosecká 811/76a, 190 00 Praha 9	23/P353 (2023-07-28)	ČSN EN 13823+A1:2022
[2]	TZÚS Praha, s.p., branch 0100 - Prague AZL č. 1018.3	Korea Testing and Research Institute 98 Gyoyukwon-ro, Gwacheon-Si, Gyeonggi-do Republic of Korea	010-046731 (2023-05-03)	ČSN EN ISO 11925- 2:2020

#### 3.2. Test results

	Test method	Parameter	Number of tests	Results	
				Continuous parameter – average	Compliance the parameters for class B-s1,d0
1	ČSN EN 13823+A1:2022	FIGRA <sub>0,2 MJ</sub> [W/s]	3	94,2	not applied
		FIGRA <sub>0,4 MJ</sub> [W/s]		78,0	≤ 120 W/s meets
		LFS < edge of specimen		< edge of specimen	meets
		THR <sub>600s</sub> [MJ]		1,3	≤ 7,5 MJ meets
		SMOGR <sub>A</sub> [m <sup>2</sup> /s <sup>2</sup> ]		21,2	≤ 30 m <sup>2</sup> /s <sup>2</sup> meets
		TPS <sub>600s</sub> [m <sup>2</sup> ]		54,4	≤ 50 m <sup>2</sup> meets
		Flaming droplets / particles		No flaming droplets / particles	meets
2	EN ISO 11925-2:2020 exposure 30 s exposure of the area	Fs ≤ 150 mm during 60 s	6	yes	meets
		Ignition of filter paper		no	not applied
	EN ISO 11925-2:2020 exposure 30 s exposure of the edge	Fs ≤ 150 mm during 60 s	6	yes	meets
		Ignition of filter paper		no	not applied



## 4. Classification and area of direct application

### 4.1. Classification links

This classification was carried out in accordance with ČSN EN 13501-1:2019.

### 4.2. Classification

**Decorative wallcoverings, Model: WOOD (IT), SOLID (SD)** are classified according to its reaction to fire:

**B**

The additional classification in relation to smoke production is:

**s1**

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

**d0**

Modification of the reaction to fire classification for construction products excluding floor coverings and thermal insulating pipe products:

Fire behavior		Smoke production		Burning particles	
B		s	1	d	0

**Reaction to fire classification: B-s1,d0**

### 4.3. Application area

This classification applies to the following parameters:

- the product described in paragraph 2
- all types of series WOOD and SOLID,

The classification applies to the following end use applications:

- decorative wall coverings
- substrate with density  $\geq 525 \text{ kg/m}^3$
- substrate with reaction to fire A1 and A2-s1,d0
- substrate from gypsum plasterboard with reaction to fire A1 and A2-s1,d0

## 5. Restrictions

This classification report is only valid as a whole, and each page must be provided by the identification number of the classification report, page number of the total number of pages and the stamp of the contractor.

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

The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 of AVCP and CE marking under the Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products.


The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed




at enhancing the fire performance in order to obtain the classification achieved. As a consequence, the manufacturer has concluded that system 3 attestation is appropriate.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.



Prepared:   
Ing. Hana KAFKOVÁ

Reviewed:   
Ing. Zdeněk KOČÍ  
Branch manager 0800 – PBS  
TZÚS Prague, s.p.

Prague, 31.07.2023