

TECHNICAL DATA SHEET

Digital floor Vinyl Type 1 structure

DESCRIPTION:

Digital floor Vinyl type 1 is a printable vinyl suitable for UV printers. It is best suited for indoor floor graphics or show floors. Digital floor Vinyl is engineered for indoor use but can be used outdoors for short and longer durations and is ideal for use in corporate lobbies, waiting areas, foyers and trade show booth floor graphics and all promotional and events - catwalks.

PHYSICAL PROPERTIES:

The following information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. They are given without guaranty and do not constitute a warranty. Therefore, the results obtained from the use thereof, or that any use will not infringe upon any patent. The purchaser should independently determine, prior to use, the suitability of this material for his/her specific purpose. (Data represents averages and is not intended for use as a specification.)

Characteristics	Test Method	Metric	English
Pile	EN 651	pu	pu
WEIGHT	EN 660-1	Group T: <0,08	Group T: <0,08
Total thickness	EN 428	2,00 mm	2,00 mm
Slip resistance	EN 13893	DS	DS
Total weight	EN 430	94/188 Kg	94/188 Kg
Curl resultant to heat	EN 434	< 8mm	< 8mm
Primary Backing	ISO 13937-2-2001	latex	latex
Wear layer thickness	EN 429	0,25 mm	0,25 mm
Width	EN 426/EN 427	200/400	200/400
Form of delivery	EN 426/EN 427	30 m1	30 m1
Fastness to Light	ISO 105/b02(1 tm 8)	< 6/8	< 6/8
Fire Resistance	EN 13501-1	norm Bfl / s1	norm Bfl / s1

The information provided on the data sheets represent typical physical properties and does not constitute a full specification. No liability will be accepted for errors and omissions and under no circumstances shall Printing carpets companies be liable for any loss or injury arising directly or indirectly or as a consequence of the publication of this data sheet. Printing carpets retains the right to change sizes and specification of its product range without prior notice – all our products are sold subject to our conditions of Sales and customer notice.

Analysis Report 64399/F

Modification and translation of analysis report 64399, made on 2008-09-08

Required tests :

Classification of reaction to fire in accordance with EN 13501-1:2007

Identification number	Information given by the client		Date of receipt
T807976	quality FR treated total mass total thickness	Digital Floor Vinyl type I no 1.700 kg/m ² 2.6 mm	2008-07-31

Analysis Report 64399/F

our reference	date	page
PVH/2657	2010-03-23	2 / 5

Reference T807976 - Digital Floor Vinyl type I

Classification of reaction to fire in accordance with EN 13501-1:2007

Classification of resilient floor coverings in accordance with EN 14041 (2004) § 4.1.4

“The resilient floor coverings listed in Table 3, in the end uses identified in the table, are classified without further testing (CWFT) in the classes shown and do not require testing in respect of these end uses and classes”.

Table 3 – Classes of reaction to fire for resilient floor coverings, classified without further testing

Floor covering type ¹	EN product standard	Minimum mass (kg/m ²)	Maximum mass (kg/m ²)	Minimum overall thickness (mm)	Class ² Floorings
Expanded (cushioned) polyvinyl chloride floor coverings	EN 653	1,0	2,8	1,1	E _{fl}
¹⁾ Floor covering loose laid over any wood based substrate of at least Class D-s2,d0 or any substrate of at least Class A2-s1,d0.					
²⁾ Class as provided for in Table 2 in the Annex to Decision 2000/147/EC.					

Classification: E_{fl}

Reference T807976 - Digital Floor Vinyl type I

Classification of reaction to fire in accordance with EN 13501-1:2007

1. Method:

Test Method	- EN ISO 9239-1:2002
Standard	- EN 13501-1:2007

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Floor covering

- substrate :
 - fibre cement board
 - density (1800 ± 200) kg/m³
 - dimensions 105 cm x 23 cm x 0,5 cm.
- adhesive : - UZIN UZ 50 / Unipro - low emission, solvent-free dispersion adhesive – "EC1 very low emission"
- cleaning : - no

Conditioning

minimum 14 days at (23 ± 2) °C and (50 ± 5) % RH
or
until constant mass is achieved

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2. Results:

End of tests: 2 September 2008

Radiant heat flux

Test	flame spread distance (cm)			flame time	heat flux * kW/m ²
	10 min	20 min	30 min		
length					
1	21	21	21	12 min 0 s	9,5
width					
1	23	23	23	12 min 0 s	9,1
2	20	20	20	12 min 0 s	9,7
3	21	21	21	12 min 0 s	9,5
average					9,4

* heat flux at the time of flame extinguishment or after a test duration of 30 minutes.

Fire classification in accordance with EN 13501-1:2007		
Class	EN ISO 11925-2 or CWFT	EN ISO 9239-1 (test duration = 30 min)
B _{f1}	E _{f1}	heat flux ≥ 8,0 kW/m ²
C _{f1}	E _{f1}	heat flux ≥ 4,5 kW/m ²
D _{f1}	E _{f1}	heat flux ≥ 3,0 kW/m ²

Smoke production

Test	maximum light attenuation (%)	total light attenuation (%min)
length		
1	88	126
width		
1	89	115
2	80	123
3	88	118
average		119

Additional classification in accordance with EN 13501-1:2007	
smoke production ≤ 750%.min	s1
smoke production > 750%.min	s2

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3. Classification:

Reaction to fire classification: B_{fl} / s1

Limitations

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

“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 attestation of conformity and CE marking under the Construction Products Directive.

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.”

PRINT TRADE - graphic file instructions



INDICATIVE TRACK



[youtube.com/StudioStandSrl](https://www.youtube.com/StudioStandSrl)
for the assembly video tutorial

- ABUNDANCE**
- CUT**
- SAFETY MARGIN**
(Do not place important content
beyond this margin))

INFO FILE

Formats: .eps .pdf .jpg .tiff
Color profile: CMYK
Images: 100dpi - 1000dpi (for 1:10 scale files)
Fonts: converted into paths
Die path: only cutting path (where present)

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