

Product name: **Pentadecor® 2D PVC-rigid film**
Flat Lamination and Wrapping Film

Revision: 05 April 2012

Description: **Type:** **Standard Typ FF-M252/01**
For reduced crease whitening (dark colours)
Typ FF-M82/05/05

Color: **Uni colors, Metallic, Woodgrain, Marble,....**

Surface: **Fine Matt, Mini Pearl/Stipple, Wood Emboss**

Surface finishing film for furniture and interior application with high colour consistency and surface quality. For flat lamination and wrapping application on chip boards, plaster walls, extruded PVC profiles. Tough and high resistant to break. Good bonding properties. Excellent chemical resistance. Reliable processing due to good lay flat and stable film properties.

Properties	Standard	Unit	Values
Thickness range	DIN 53370	mm	0,100 - 0,250 mm
Width		mm	1250 - 1600 mm
Surface protection			Laquer
Reverse side (on request)			Primer
Shrinkage	DIN 5377 (100°C / 10 min.)	%	longitudinal: max. -5 transversal: max. -2
Gloss after lamination	DIN 67530, 60° angle		11 +/- 2
Tensile Strength (MD/TD)	DIN EN ISO 527-1-2	N/mm ²	≥40 / ≥30
Elongation at Break	DIN EN ISO 527-1-2	%	≥ 50 / ≥ 20
Shrinking	DIN 53377 (100°C/10 min.)	%	≤ 7
Vicat softening point B 50 in oil	ISO 306, D1525-76	°C	appr. 72
Scratch resistance	DIN 68861 T4	Level	4D
Chemical resistance	DIN 68861 T1	Leverl	1B*
Lightfastness (Wool blue scale)	ISO 105-B02	Level	6 - 7
Gloss (depending on embossing/coating)	DIN 67530	60 °	6 - 25

*is not reached in every criteria, depending on coating

Regulatory:

The product corresponds to:
 Supplementary confirmations to the above-named points can be issued on request.

Storage conditions:

- Ideal storage conditions between 10-30°C (50-86°F)
- Should not be stored in direct sunlight and avoid major thermal fluctuation
- Film should be conditioned a minimum of 24 hours at ambient room temperature before processing

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