

myMEDIA 4536 TexFloor FR

Product description

myMEDIA 4536 TexFloor FR is an adaptable, dimensionally stable textile fabric with high tear resistance, coated with a white textured PVC coating, which adheres to almost all substrates thanks to the high-tack adhesive. The product can be used as a floor foil indoors on carpeted floors as well as on smooth and slightly textured substrates (not on natural stone floors). In outdoor areas without traffic, short-term use is possible on many substrates, e.g. asphalt, concrete, stone floors, tiles, etc. The textile material remains dimensionally stable when bonded over light joints or structures, which offers an advantage over PVC films. Due to its high adhesive strength, it is also a solution for wall decorations on difficult substrates. The product can be printed with Latex, Eco-Solvent, Solvent and UV-curable inks and can also be cut with a plotter. myMEDIA 4536 TexFloor FR meets slip resistance class R11 according to DIN 51130 without lamination and fire protection standard B1 according to DIN 4102-1.

Physical Characteristics

Material	Cotton canvas fabric with PVC coating	
Thickness / Weight	250 µm	
Colour / Finish	White, matt, textured	
Adhesive	Special acrylic solvent, high-tack, permanent	
Liner	PE-coated silicone paper, 140 g/m ²	
Durability	Indoor: Up to 6 months glued to the floor Up to 3 years vertically applied Outdoor: Up to 1 month glued to the floor Up to 1 year vertically applied (all data unprinted, climate zone 1)	
Application temperature	>= -8°C (cold temperatures related to smooth substrates, otherwise test required)	
Temperature range	-30°C to +60°C	
Adhesion after 24h	20 N/25 mm	FINAT FTM 1
Dimensional stability	< 1,5 mm shrinkage	FINAT FTM 14
Elongation	> 169 % (machine direction) > 237 % (cross direction)	DIN EN ISO 527
Slip-resistance	R11	DIN 51130
Fire behaviour	B1	DIN 4102-1

Printing Method

Compatible inks	HP Latex, Eco-Solvent, Solvent, UV- curable
Drying	The digital print must be ABSOLUTELY DRY! The drying of the printed medium is strongly dependent on the amount of solvent applied (ink application), therefore sufficiently long drying times must be taken into account. When printing the material in a roll-to-roll process, the printed web must be unrolled and laid out flat again as quickly as possible until final drying in order to achieve the best drying results. We recommend drying the material for at least 24 hours in an unrolled state before further processing. If this is not possible, place the roll upright and very loosely wound on an air-permeable (grid) floor to ensure air circulation. Insufficient drying (solvent residues, rewetting, etc.) can lead to blocking in the rolled state and subsequently to unrolling, shrinkage and insufficient adhesion, which are not covered by the warranty. Therefore, the drying must be checked by practical methods, such as test test (optimally with cross cut), grip test, abrasion test and odour test, before further processing, lamination or application.

Storage

Shelf life	Up to 18 months if stored in original packaging
Storage conditions	+15°C to +22°C and 50-55% relative humidity
Storage notice	Remove the roll from the printer after each use and store in the original sealed packaging.

Processing and converting

Recommended surfaces	Flat substrates, smooth to textured surfaces (e.g. asphalt, concrete, pavements, paving stones, tiles, stone floors). Not suitable for polished natural stone (e.g. marble tends to discolour). The substrate must be dry and free of dust and grease.
Application method	Dry application. The film can be worked into simple structures with heat and a soft (foam) rubber roller.
Lamination	No lamination required and not recommended

Advantages and features

- Bonding to asphalt, concrete, paving stone, rock
- No lamination required
- Flexible due to textile material
- Very good dimensional stability
- Excellent tear resistance
- Durable and resistant high-tack adhesive
- Can be used outdoors on floors for up to 1 month
- High slip resistance class R11 according to DIN 51130
- Meets fire retardant standard B1 according to DIN 4102-1
- For Latex, Eco-Solvent, Solvent and UV-curable inks
- Can be cut to size with cutting plotter

Applications

- Floor graphics with high slip resistance
- Easy to walk on floor graphics
- Durable floor graphics
- Resistant floor graphics
- Adhesions on carpets
- Cycle paths
- Walkways
- Stations & stops
- Events
- Trade fairs
- POS
- Wall decorations

Important Notice

Information on physical and chemical characteristics is based upon tests, practical knowledge and experience. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Because of the variety of uses and applications, the purchasers should independently determine, prior to use, the suitability of this material to their specific use and carefully consider the suitability and performance of the product. The purchaser shall assume all risks for any use and application of the material. All specifications and technical data are subject to change without prior notice, errors and omissions expected. All warranty matters are regulated by our general terms and conditions.