

1663 Floor Graphics Vinyl

Description

Highly pigmented special soft white PVC film with gloss or matte finish and excellent opacity. Also available as an unpigmented, transparent version.

Release paper

Silicone coated paper, 135 g/m².

Adhesive

Solvent polyacrylate, removable, transparent

Area of use

Suitable as printing material for ORAFOL floor graphics systems. The material has an excellent opacity suppressing colour shadows of the floor surface. The high-quality solvent polyacrylate adhesive guarantees residueless removal.

Printing method

Recommended is screen printing and inkjet printing with solvent-based inks, UV- or Latex-inks. Digital Thermotransfer printing can be used on the glossy surface. Special inks are necessary for UV-offset printing and flexoprinting.

Technical Data

Thickness* (without protective paper and adhesive)	110 micron
Dimensional stability (FINAT TM 14)	adhered to steel, no measurable shrinkage in cross direction, in length 0.4 mm max.
Temperature resistance***	adhered to aluminium, -40°C to +80°C, no variation
Water resistance	adhered to aluminium, after 48h/23°C no variation
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	5 N/25 mm
Tensile strength (DIN EN ISO 527)	along: min. 19 MPa across: min. 19 MPa
Elongation at break (DIN EN ISO 527)	along: min. 130% across: min. 150%
Shelf life **	2 years
Application temperature	> 8°C (dry adhesion)
Service life by specialist application under vertical outdoor exposure (normal climate of Central Europe)	3 years (not printed)
Removability	within 2 years residueless removable from most surfaces

* average

** in original packaging, at 20°C and 50% relative humidity

*** normal climate of Central Europe

Note:

Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination which could affect the adhesion of the material. Freshly lacquered or painted surfaces should be allowed to dry and to completely cure respectively. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material. Furthermore the application information published by ORAFOL is to be considered.

The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information and is given without guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications customers should independently determine the suitability of this material for their specific purpose, prior to use.

