

Description

Special PVC film with polymeric plasticizers for glass decoration. Its medium glossy surface inhibits undesired reflection. In silver and gold, also in different structures.

Release paper

PE-coated silicone paper on both sides, 165 g/m², 180 µm

Adhesive

Solvent polyacrylate, permanent

Area of use

Developed for glass areas, to achieve a hoar-frost effect or an impression of etched, cut or sandblasted glass; especially for the decorative designing of shop windows and glass doors. Suitable for manufacturing on cutting systems. The "Rapid Air" technology enables easy and quick bubblefree application, especially of large-sized graphics or decals. Entrapped air can be easily removed simply by rubbing out under the film. Suitable for even or slightly curved surfaces.

Technical data

Thickness* (without protective paper and adhesive)	80 micron
Dimensional stability (FINAT TM 14)	adhered to glass, no measurable shrinkage in cross direction, in length 0.2 mm max.
Temperature resistance	adhered to glass, -40°C to +90°C, no variation
Resistance to cleaning agents	adhered to glass, 8h in washalcalics (0,5% householdcleaning agents) in room temperature and in 65°C, no variation
Fire behaviour (DIN 4102-1)	Only flame resistant (class DIN 4102-B1) on glass with a moulded density of >= 2250 kg/m ³ (indoor application)
Adhesive power* (FINAT TM 1, after 24h)	18 N/25 mm glass 16 N/25 mm acrylic glass
Tensile strength (DIN EN ISO 527)	
along	19 MPa min.
across	19 MPa min.
Elongation at break (DIN EN ISO 527)	
along	130% min.
across	150% min.
Shelf life**	2 years
Application temperature	> + 8°C
Service life by specialist application under vertical outdoor exposure (normal climate of Central Europe)	7 years

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

Attention:

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. Furthermore the application information published by ORAFOL is to be considered. The batch traceability according to ISO 9001 is possible on the basis of the roll number.

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.

