

Description

Cast PVC film with very good weather resistance and UV stability, for high quality glass decoration. The reduced gloss of the coarse surface inhibits undesired reflection.

Release Paper

Special polyester film, 100 micron

Adhesive

Solvent polyacrylate, permanent

Area of use

Developed for glass areas, to achieve a hoar-frost or freezing effect. It is specially used for the decorative designing of shop windows and glass doors. Suitable for use on cutting systems. Wet application is recommended.

Technical Data

Thickness* (without paper and adhesive)	80 micron
Dimensional stability (FINAT TM 14)	Adhered to glass shrinkage 0,1 mm max.
Temperature resistance	Adhered to acrylic glass, -40° C to +90° C, no variation
Resistance to cleaning agents	Adhered to glass, 8h in washalcalics (0,5% household cleaning agents) at room temperature and 65° C, no variation
Fire behavior (DIN 4102-1)	Only flame resistant (class DIN 4102-B1) on glass with a moulded density of $\geq 2250 \text{ kg/m}^3$ (indoor application)
Adhesive power* (FINAT TM 1, after 24h)	16 N/25 mm glass 16 N/25 mm acrylic glass
Tensile strength (DIN EN ISO 527)	Along: min. 9 MPa Across: min. 9 MPa
Elongation at break (DIN EN ISO 527)	Along: min. 40% Across: min. 40%
Shelf life**	2 years
Application temperature	> +8° C
Service life by specialist application	7 years
Under vertical outdoor exposure (normal climate of Central Europe)	

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

Note

Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any other contamination that could affect the adhesion of the material. Freshly lacquered or painted surfaces should be allowed to dry for at least three weeks and to completely cure. 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 must be considered. The batch traceability according to ISO 9001 is possible on the basis of the roll number.

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