

ORACAL 8810 Frosted Glass Cast

07/37

Description

Cast PVC film for high quality glass decoration with very good weather resistance and UV stability. The reduced gloss and the roughly structured 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; especially for the decorative designing of shop windows and glass doors.

Suitable for manufacturing on cutting systems.

Wet application is recommended.

Technical data

Thickness* (without protective paper and adhesive)	80 micron
Dimensional stability (FINAT TM 14)	adhered to glass shrinkage 0.1 mm max.
Temperature resistance	adhered to glass, -40°C to +90°C, no variation
Resistance to cleaning agents	adhered to glass, 8h in washcalics (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 $\geq 2250 \text{ kg/m}^3$ (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 across	9 MPa min. 9 MPa min.
Elongation at break (DIN EN ISO 527) along across	40% min. 40% min.
Shelf life**	2 years
Application temperature	$> + 8^\circ\text{C}$
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.



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