

ORACAL

8510 Etched Glass Cal

05/47

Description

Special PVC film with polymeric non-migrating plasticizers, providing homogeneous uniformity when viewed through or on to the materials. Its medium glossy surface inhibits undesired reflection. In silver and gold, also in different structures.

Release paper

Silicone coated paper on one side, 137 g/m², with special release characteristics which provide excellent waste-stripping properties.

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.

Wet application is recommended.

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 washcalics (0,5% householdcleaning agents) in room temperature and in 65°C, no variation
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 minimum
across	19 MPa minimum
Elongation at break (DIN EN ISO 527)	
along	130% minimum
across	150% minimum
Shelf life**	2 years
Application temperature	min. + 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 informations published by ORAFOL are 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.



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