

# ORACAL

## 8510 Etched Glass Cal

07/37

### 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

Silicone coated paper on one side, 137 g/m<sup>2</sup>, 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

<b>Thickness*</b> (without protective paper and adhesive)	80 micron
<b>Dimensional stability</b> (FINAT TM 14)	adhered to glass, no measurable shrinkage in cross direction, in length 0.2 mm max.
<b>Temperature resistance</b>	adhered to glass, -40°C to +90°C, no variation
<b>Resistance to cleaning agents</b>	adhered to glass, 8h in washcalics (0,5% householdcleaning agents) in room temperature and in 65°C, no variation
<b>Fire behaviour</b> (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)
<b>Adhesive power*</b> (FINAT TM 1, after 24h)	18 N/25 mm glass 16 N/25 mm acrylic glass
<b>Tensile strength</b> (DIN EN ISO 527)	
along	19 MPa min.
across	19 MPa min.
<b>Elongation at break</b> (DIN EN ISO 527)	
along	130% min.
across	150% min.
<b>Shelf life**</b>	2 years
<b>Application temperature</b>	> + 8°C
<b>Service life by specialist application</b> 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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