# ORACAL® 8410

**Etched Glass Film**



## Short description

Monomeric PVC film for glass decoration with a hoar-frost effect. Its medium glossy surface prevents unwanted reflections. Developed for glass areas to achieve a hoar-frost effect or an impression of etched, cut, or sandblasted glass, especially for decorative designs of shop windows, mirrored surfaces, and glass doors.

## Front material

Soft PVC Film, 0.07 mm

## Liner

One-sided siliconized kraft paper, 137 g/m²

## Adhesive

Polyacrylate, permanent, Transparent, 0.012 mm

## Recommended transfer materials

ORATAPE® HT95 Application Tape, ORATAPE® LT52 Application Tape, ORATAPE® LT95 Application Tape, ORATAPE® MT52 Application Tape, ORATAPE® MT72 Application Tape, ORATAPE® MT80P Application Tape, ORATAPE® MT95 Application Tape

## Technical properties

**RESISTANCE**

| | | |
|---|---|---|
| Durability | with vertical outdoor exposure, normal Central European climate<br><br>3 Year(s) | |
| Shelf Life | 2 Year(s) | in original packaging, at 20 °C and 50% relative humidity |
| Resistance to solvents and chemicals | Washing suds (0.5 % household cleaner) | At room temperature |
| Maximum shrinkage | Maximum shrinkage along 0.5 mm<br>Maximum shrinkage across 0.5 mm | |
| Elongation at break | Minimum elongation at break along 120 %<br>Minimum elongation at break across 120 % | DIN EN ISO 527 |

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| | | |
|---|---|---|
| **Tensile strength** | Minimum tensile strength along 17 N/mm²<br>Minimum tensile strength across 17 N/mm² | DIN EN ISO 527 |
| **Temperature resistance** | Minimum temperature -40 °C<br>Maximum temperature 80 °C | Short-term exposure up to 80 °C \| |

**ADHESIVE PROPERTIES**

| | | |
|---|---|---|
| **Adhesive power** | 18 N/25 mm | Glass \| FINAT TM 1, after 24 h |
| | 16 N/25 mm | Acrylic glass \| FINAT TM 1, after 24 h |

**PROCESSING**

| | | |
|---|---|---|
| **Application temperature** | Minimum temperature 10 °C | |

## Certificates

- 8410_B-s1,d0_Glas - Klassifizierung nach DIN EN 13501-1.pdf (Download)
- 8410_B-s1,d0_glass - classification DIN EN 13501-1_ENG.pdf (Download)

## PRODUCT 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.

## IMPORTANT NOTES

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