

ORACAL[®] 8810 FROSTED GLASS CAST FILM

Technical Datasheet
07/14
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Description

3-mil, frosted glass, cast PVC film for high quality glass decoration. The reduced gloss and the rough surface prevent undesired reflection. Available in 5 colors – silver grey, gold, mint, light blue and soft pink.

Release Liner

4-mil polyester film

Adhesive

Clear, solvent-based, permanent adhesive

Area of Use

Developed for long-term indoor and outdoor design with sparkling effects on glass and glass like shop windows and doors. Suitable for use on plotter cutting systems.

Technical Data

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| Thickness (without liner and adhesive) | 3 mil |
| Dimensional Stability (FINAT TM-14) | Adhered to steel, no shrinkage in cross direction; In length, <.004" |
| Temperature Resistance | Adhered to aluminum, -40°F to +194°F, no variation |
| Fire Behavior (DIN 75200) | Adhered to steel, self-extinguishing |
| Fire Rating | ASTM E 84-07 Class "A" |
| Adhesive Power (FINAT TM-1, after 24 h, average) | Adhered to glass: 3.7 lb/in Adhered to acrylic: 3.7 lb/in |
| 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% |
| Seawaterability (DIN 50 021) | Adhered to aluminum, after 48h/73°F, no variation |
| Shelf Life (68°F/50% relative humidity) | 2 years |
| Minimum Life Expectancy (based on accepted application procedures on vertical surfaces) | 7 years |
| Minimum Application Temperature | 46°F (dry application) |
| Available Lengths | 150' (50-yard) and 30' (10-yard) |
| Available Widths | 15" (punched), 24", 30", 48" |
| Recommended Application Tapes | ORATAPE [®] HT55 |

Note

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. Freshly lacquered or painted surfaces should be completely cured. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material. Films with structured surface are naturally more sensitive than the unstructured. Accordingly, these films are to be treated carefully both in processing and in cleaning. Impurities affect the appearance of structured films and require more frequent cleaning. 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.

IMPORTANT NOTICE

All ORACAL[®] products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning ORACAL[®] products is based upon research which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of ORACAL[®] products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use.

All specifications are subject to change without prior notice.

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.



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