

## Description

Soft PVC film available in transparent and white. Glossy and matt surface.

## Release Paper

Silicone coated paper on one side, 135 g/m<sup>2</sup>

## Adhesive

Polyacrylate, permanent

## Area of use

For short- and medium-term outdoor applications such as markings, inscriptions and decorations. Indoor exposure is almost unlimited.

## Printing Method

Screen printing is recommended. Special inks are necessary for UV-offset printing and flexo printing.

## Certificates

Classified to building material class B1 acc. to DIN 4102, part 1; Only flame resistant (class DIN 4102-B1) on steel surface.

## Technical Data

|   |   |
|---|---|
| <b>Thickness*</b> (without paper and adhesive)  | 100 micron  |
| <b>Dimensional stability</b> (FINAT TM 14)  | Adhered to steel, no measurable shrinkage in cross direction, in length 0,4 mm max.                                     |
| <b>Temperature resistance***</b>  | Adhered to aluminium, -40° C to +80° C, no variation  |
| <b>Water resistance</b>   | Adhered to aluminium, after 48h/23° C no variation  |
| <b>Fire behaviour</b>   | ORACAL® 1640, transparent, applied to glass (ESG) acc. to DIN 5510, part 2 was classified into classes S4, SR2 and ST2. |
| <b>Adhesive power*</b> (FINAT TM 1, after 24h, stainless steel)   | 16 N/25 mm  |
| <b>Tensile strength</b> (DIN EN ISO 527)  | Along: min. 19 MPa<br>Across: min. 19 MPa   |
| <b>Elongation at break</b> (DIN EN ISO 527)   | Along: min. 130%<br>Across: min. 150%   |
| <b>Shelf life***</b>  | 2 years   |
| <b>Application temperature</b>  | ≥ 0° C (dry adhesion)   |
| <b>Service life by specialist application</b><br>Under vertical outdoor exposure (normal climate of Central Europe) | 3 years (not printed)   |

\* average \*\* in original packaging, at 20° C and 50% relative humidity \*\*\* normal climate of Central Europe

## 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. Furthermore, the application information published by ORAFOL must 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. ORACAL® is a registered trademark of ORAFOL Europe GmbH