

### IKONOS PROFIFLEX PRO MWT 100+ "Wally": WHITE, MATT, MONOMERIC SELF-ADHESIVE PVC WITH ULTRA-REMOVABLE ADHESIVE FOR WALL DECORATION

#### → AVAILABLE STANDARD WIDTHS AND LENGTHS

1.05 x 50 m. Other lengths on Customers' individual request.

#### → PRODUCT DESCRIPTION

Ikonos Profiflex Pro MWT 100+ is a white, matt, monomeric, calandered, self-adhesive PVC with ultra-removable, transparent glue. The product was intentionally designed for printing on solvent plotters in high speed and top quality. "Wally" is recommended for direct applications on interior walls (painted with acrylic, latex paints... ect).

#### → PRODUCT STRUCTURE

Film: 100 µm white, matt, monomeric PVC with ultra-removable transparent glue.

Glue: ultra-removable dispersion of water-based polyacrylate, highly resistant to UV irradiation and moisture.

Liner: one-side siliconized 135g/m<sup>2</sup>, "claycoated" type backingpaper.

#### → RANGE OF APPLICATION

Ikonos Profiflex Pro MWT 100+ "Wally" is perfect for all indoor direct wall graphics (short and mid-term).

#### → PHYSICAL FEATURES OF PROFIFLEX PRO GPT/MPT 100+

|  | STANDARD NO.  | VALUE                |
|--|---|----------------------|
| <b>Thickness</b>   |   |                      |
| Thickness of PVC   | ISO 2286-3  | 0,100 mm             |
| Total thickness (PVC+glue+liner)                           | ISO 2286-3  | 0,228 mm             |
| <b>Tensile stress at break</b>                             |   |                      |
| Along  | ISO 527-3/2/200   | 32 MPa               |
| Across   | ISO 527-3/2/200   | 28 MPa               |
| <b>Tensile strain at break</b>                             |   |                      |
| Along  | ISO 527-3/2/200   | 180%                 |
| Across   | ISO 527-3/2/200   | 200%                 |
| <b>Dimensional stability</b>                               | DIN 53377   | max. -4.8% [MD]      |
| <b>Adhesive Power</b>                                      |   |                      |
| Initial  | FINAT 9   | 2.2 N / 25 mm        |
| After 20 minutes   | FINAT 1   | 2.6 N / 25 mm        |
| After 24 h   | FINAT 1   | 5.0 N / 25 mm        |
| Removability   | smooth painted surfaces   | 12 months            |
| <b>Temperature range</b>                                   |   |                      |
| While applying   | -   | from 10 °C to 35 °C  |
| While exploiting   | -   | from -15 °C to 60 °C |
| <b>Flammability</b>  |   |                      |
| <b>Durability*</b><br>(based on vertical surface exposure) | 3 years (not-printed PVC)   |                      |
| <b>Shelf Life</b>  | 2 years (in original packaging, at 20 °C and 50% relative humidity) |                      |

\* The data concerns vertical surface exposure. The outdoor durability relates to the temperate climate of Middle Europe. If the laminating film is exposed to extreme weather conditions, such as austere insolation or humidity it may undergo accelerated deterioration. The image quality may also weaken in greatly contaminated areas and regions of high altitude.

Profiflex PRO MWT 100+ was designed for application on a smooth surfaces.

Printed material must be left at least 48 hours to dry before application. The suitability of SAV should be checked prior to use. Interaction between SAV and a surface of application should be tested by the purchaser.

After printing the ink must be perfectly dry so as to avoid any effect on the later combination with the laminate. The surface on which Profiflex Pro is applied must be free of dust, grease, lubricant and any other substances which may hinder the film from adhesion. Freshly lacquered or painted surfaces should be allowed to dry for no less than three weeks. The compatibility of particular lacquers and paints should be tested by the user, prior to application on the material.

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