

WW 300, 309

PRODUCT DESCRIPTION

Premium calendered self-adhesive printing media with a High-Tack adhesive for architectural application.

Face Material:

WW 300: 100 µm white matt PVC

WW 309: 100 µm white gloss PVC

Adhesive: Solvent acrylic High-Tack permanent grey

Liner: Clay coated 140 g/sqm

TYPICAL USE

Short to medium-term indoor and outdoor architectural applications on flat surfaces, such as walls, concrete and flooring as well as difficult substrates (industrial equipment, waste containers, etc). The High Tack solvent-based grey adhesive ensures good opacity and adhesion on a wide variety of difficult substrates.

PROCESSING

Especially designed for solvent based, eco-solvent, mild solvent, Latex and UV inkjet printing on wide-format printing equipment.

To ensure optimal protection and durability, WW 300 and WW 309 needs to be laminated. They can be paired with a variety of laminates depending on the application and finish desired. For more information, please refer to "TB 7.5 Outdoor Durability of Mactac Graphics - Self-adhesive films".

To achieve the best possible print quality, please make sure that the correct ICC profiles or printer settings are used.

Profiles can be obtained from our subsidiaries or distributors, or can be downloaded from: www.mactacgraphics.eu.

For further information on printing, application and removal, please refer to "TB 4.3 Guidelines on surface preparation, converting and applying Mactac WW Series".

To ensure application suitability, always test the proposed construction under actual application and end-use conditions before going into full production.

SHELF LIFE

1 year when stored at 15 to 25°C and ± 50 % relative humidity (in the original packaging).

PHYSICAL PROPERTIES (TYPICAL VALUES)

Average Values Test Method

Thickness		
Film (microns)	100 µm	ISO 534
Adhesive data, 23°C (N/25 mm)		
Peel adhesion on glass		
- Quick tack	22	FTM9
- 24 hour residence	24	FTM1
Dimensional stability		
Shrinkage (48 hours at 70°C applied on Aluminium)	Max. 1.0 mm	FTM14
Temperature ranges		
Minimum application temperature (°C)	+ 10°C	
Service temperature range (°C)	-20°C to + 70°C	
Certifications		
Fire Classification	B-s1, d0	EN13501-1

EXPECTED DURABILITY

Central Europe Zone 1

Unprocessed	4 years	ISO 4892-2
Printed & laminated*	3 years	ISO 4892-2

*For more information, refer to "TB 7.5 Outdoor Durability of Mactac Graphics - Self-adhesive films".

Note : Overlamination of the inkjet-printed material delays the eventual colour fading that may occur over time. This colour fading is dependent on the quality of the inkjet inks, the orientation of the printed material, the angle of display and the exact geographical location of exposure.

Exposure to severe temperatures, ultraviolet light, and/or conditions in Southern European countries, tropical, sub-tropical or desert regions will cause more rapid deterioration. This also applies to polluted areas, high altitudes and south-facing exposure.

DISCLAIMER

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