

WW319 PU Gloss

PRODUCT DESCRIPTION

PVC-free, glossy white self-adhesive printing media with a High-Tack adhesive for architectural application.

Face Material: 80 µm white gloss conformable PU blend

Adhesive: Solvent acrylic High-Tack permanent, grey

Liner: PE coated 135 g/sqm

TYPICAL USE

Short to medium-term indoor and outdoor architectural applications on smooth flat or difficult surfaces such as brick, concrete and textured walls. The High-Tack solvent-based grey adhesive secures good opacity and adhesion on a wide variety of difficult substrates.

The film properties allow application on uneven surfaces and corrugations.

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 319 PU Gloss needs to be laminated. More information on recommended overlaminates as well as guaranteed durabilities can be found in our TB 7.5 "Outdoor Durability of Mactac 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

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

PHYSICAL PROPERTIES (TYPICAL VALUES)

Average Values Test Method

Thickness		
Face (microns)	80 µm	ISO 534
Adhesive data, 23°C (N/25 mm)		
Peel adhesion 180° on stainless steel		
20 min. residence	16	FTM1
24 hour residence	20	FTM1
Dimensional stability		
Shrinkage (48 hours at 70°C applied on Aluminium)	Max. 0.3 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	5 years	ISO 4892-2
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*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

For more information on the durability and exposure please visit the “Mactac Technical Bulletin TB 7.5 Outdoor Durability of Mactac Graphics - Self-adhesive films” on the [www.https://www.mactacgraphics.eu](https://www.mactacgraphics.eu) website.

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