

Ri-Jet Deco-Wall M100

PRODUCT DESCRIPTION / BENEFITS Ri-Jet Deco-Wall M100 series is a self-adhesive film for Large Format Digital printing, especially designed for short term wall advertising.

The monomeric calendered vinyl face film, UV stabilised, has an external colour stability up to 3 years, specially developed to be printed with solvent, eco-solvent, latex, and UV inkjet printing presses. Thanks to its very aggressive high tack solvent-based adhesive, Ri-Jet Deco-Wall M100 series will adhere to smooth wall surfaces.

The 135 g/m² liner ensures good planarity and printing results.

All products are REACH & RoHS compliant.

TYPICAL USE

- Short term Wall graphics
- Smooth flat walls.
- Indoor use.

CONSTRUCTION

- **Face film:** 100 µm monomeric calendered vinyl
- **Adhesive:** high tack clear solvent-based acrylic
- **Release liner:** clay coated kraft paper 135 g/m²

Products:

White Matt high opacity finish: code 09782 - **Ri-Jet Deco-Wall M100 White Matt HOP HT**

CONVERTING METHOD Specially developed to be printed with solvent, eco-solvent, latex, and UV inkjet printing presses. To achieve the best possible print quality, make sure that the correct ICC profiles or printer settings are used. The printed media should dry minimum 24h prior to lamination.

For indoor use, it is not mandatory to laminate the printed image. If a lamination is wished, we suggest Ri-Lam M70 Clear Gloss, Matt or Satin to protect the printed image from UV fading and mechanical abrasion.

APPLICATION METHOD / INSTRUCTIONS FOR USE Suitable for dry application method on clean and degreased wall.

Application temperature above 15°C.

For poster application, we recommend leaving 3-4 mm unprinted area on poster edge.

Ri-Jet Deco-Wall M100 is not suitable to big surface coverage needing multiple overlapped width.

Please refer to the installation guide for more details.

EXPECTED DURABILITY The expected vertical outdoor durability in Central Europe (zone 1) is 3 years.

This information is based on real file experience and artificial aging according to ISO 4892-2.

Note: Exposure to severe temperature and ultra-violet light will cause a quicker deterioration. This applies also to polluted area, high altitude, horizontal applications, and south-facing exposure.

SHELF LIFE

Shelf life is 2 years, when stored at 23 °C and 50 % relative humidity conditions.

Higher temperatures and/or humidity levels will reduce product shelf life.

NB: Printing results start to deteriorate after 12 months storage.

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**50PHYSICO-CHEMICAL
PROPERTIES / TYPICAL
VALUES**

Face thickness, without adhesive	100 µm	ISO 534-80
Face thickness, with adhesive	130 µm	ISO 534-80
Tensile strength (machine direction)	> 35 N/cm	ISO 527
Elongation at break (machine direction)	>100%	ISO 527
Fire resistance on aluminium	Self-extinguishing	ISO 3795:1989
Dimensional stability (1 week @70 °C on glass)	1.0 mm	FTM 14
Initial adhesion on glass (20 minutes)	13 N/25mm	FTM 1
Adhesion on glass (24 hours)	20 N/25mm	FTM 1
Final adhesion on glass (1 week)	22 N/25mm	FTM 1
Minimum application temperature	+15 °C	
Service temperature	From -40 °C to +90 °C	
clay coated kraft paper	135 g/m ²	ISO 536

**QUALITY
CERTIFICATION****DISCLAIMER**

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