

METRO COAT

Technical Sheet - Ed. 10/2019



Velvety matt finish base coat. Highly opaque, breathable, water-repellent. Suitable for outdoor painting thanks to its washability and resistance to the weather. For indoor and outdoor use.

DESCRIPTION

Universal base coat for the Metropolis® Colors line of finishes containing acrylic and silicone resins dispersed in water. The tough, compact film has a velvety matt look. Together with strong water repellency and low water absorption, these characteristics give the paint stain removal and low dirt retention properties. It's highly opaque and breathable. Suitable for painting outdoors thanks to its washability and resistance to alkalis, the weather and crumbling. For professional use.

PROPERTIES

- High coverage
- Prepares the substrate

TECHNICAL DATA

Classification UNI 8681	One-pack, physical drying matt acrylic base coat paint dispersed in water (B4.C.O.A.2.FA)
Film appearance UNI 13300	Matt (≤ 10 gloss 85°)
Thickness UNI 13300	Class A, fine ($< 100 \mu\text{m}$)
Specific weight	$1650 \pm 50 \text{ g/l}$
pH	7-8
Type of binder	Acrylic
Solid content	$70 \pm 2\%$
Drying time	Can be overpainted after 4 hrs, completely dry after 12 hrs
VOC	Cat A/c: limit 40 g/l (2010) This product contains a maximum of 40 g/l of VOCs

CHARACTERISTICS	
Colour range	White; Mito and Mida colour charts (obtainable by tinting machine); 5 basic colours proposed: MC Blue (S1040-B), MC Grey (S3502-B), MC Green (S1020-G30Y), MC Red (S2030-R) or MC Yellow (S 1515-Y20R).
Coverage	With the application of 1 coat: 5-6 mq/l (54-65 sq ft/l)
Coverage per pack	(15 l): 90 mq, approx. Coverage varies according to substrate absorption.
Dilution	first coat: 20-30% = 200-300 ml per litre of product second coat: 10-15% = 150 ml per litre of product
Diluted with	Water
Overpaintable	Compatibility with other products: with water-based paints or coatings

APPLICATION

Suitable Substrates:

Cement-based plaster, lime-based plaster, painted plaster, exposed reinforced concrete, precast concrete features and fibre cement

Preparation of the Substrates:

Masonry substrates:

The substrates must be carefully prepared by manual brushing and/or by washing and/or pressure washer, depending on the nature and extent of the dirt on the surface to be treated. Old paint should be removed. Make sure that fresh plaster has set before applying.

Application of one coat of Metro Fix.

Plasterboard substrates:

The substrates should be thoroughly prepared by brushing or cleaning, making sure that there are no loose areas.

Application of one coat of Metro Fix.

Pre-painted or varnished wood substrates:

Partially or entirely scrape to remove any loose paint or varnish remaining or remove the paint entirely using chemical solvent paint stripper.

New or old wood substrates pre-treated as above:

Spot fill any gaps and micro-cracks using Metro Stuc. Lightly sand to make the surface to be treated smooth and even. Apply one coat of Metro Fix and sand lightly. Next, check the soundness of the substrate: if there is any dusting or if there are loose areas, another coat of Metro Fix should be applied.

Application Procedure:

Using a brush or roller, apply a first coat of METRO COAT diluted to 20-30% depending on the absorption of the substrate. Subsequent coats, diluted to 10-15%, can be applied 6-8 hours later depending on room temperature.

Type of Equipment:

brush, short-haired roller (Magritte Roller), airless spraying equipment

Ambient Conditions:

min +5°C max +40°C max RH 80%

STORAGE

Packaging:

15 l – 5 l – 1 l

Duration and conservation:

2 years when stored in undamaged packages at between 5 and 30°C; cannot endure frost and direct sunlight

Dispose of in accordance with local regulations.

For information on possible hazards, refer to the safety data sheet.

CERTIFICATION\CLASSIFICATION

