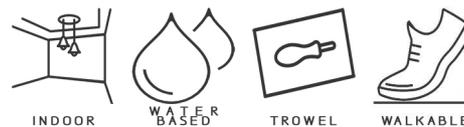


METRORESIN BODY

Technical Sheet - Ed. 10/2019



Thin, multi-purpose skim coat, suitable for decorative skimming on walls and floors. For indoor use.

DESCRIPTION

Multi-purpose skim coat containing quartz of controlled particle size and additives aimed at making application easier dispersed in a synthetic base. Suited for decorative, thin skimming on walls and floors. For professional use.

PROPERTIES

- For decorative floors
- High resistance

TECHNICAL DATA

Classification UNI 8681	One-pack, physical drying matt synthetic resin-based skim paste dispersed in water for base coat (E2.C.O.A.2.FA)
Film appearance UNI 13300	Matt (≤ 10 gloss 85°)
Thickness UNI 13300	Class C, coarse ($<1500 \mu\text{m}$); $600 \mu\text{m}$
Specific weight	$1670 \pm 50 \text{ g/l}$
pH	7-8
Type of binder	Acrylic
Solid content	$82 \pm 2\%$
Drying time	Can be overpainted after 6 hrs, completely dry after 24 hrs Can be walked after 48 hrs
VOC	Cat A/I: limit 200 g/l (2010) This product contains a maximum of 17 g/l of VOCs

CHARACTERISTICS

Colour range	Metroresin colour charts
Coverage	METRORESIN BODY containing Quarzo 06 quartz extender and diluted with Resin Primer: 0.8 mq/Kg per mm of thickness Second coat: 1.25 mq/Kg Third coat: 3.3 mq/Kg Wall coverage First coat: 2 mq/Kg / Second coat: 3.3 mq/Kg
Coverage per pack	Coverage varies greatly depending on roughness of the substrate and the application procedure.
Dilution	Walls: First coat ready to use; second coat ready to use Floors: First coat of neutral METRORESIN BODY diluted to 5% with Resin Primer which, in turn, is diluted to 1:4 with water + 20% of Quarzo 06 Met Second coat of coloured, ready to use METRORESIN BO
Diluted with	Water
Overpaintable	Compatible with all other products in the Metropolis [®] Resins line

APPLICATION

Suitable Substrates:

Cement-based plasters, flooring with concrete substrate, existing ceramic floors, after adequate substrate preparation (see application steps). Lime based plasters, after checking consistency and adhesion

Preparation of the Substrate:

Existing tile floors: the enamel must be removed from the ceramic tiles with a shot peening system. If this equipment is not available, use an orbital sander with silicon-carbide disks. Remove any broken tiles and repair with special mortar.

Deteriorated cement-based screeds: grind the substrate.

New cement-based screeds: dry brush to eliminate any powder residues or dirt, apply a coat of Resin Primer and wait 4 hours.

N.B.: Do not apply on wood, linoleum or carpeting.

Application Procedure:

a. NEW SCREED - Standard application on perfectly even cement-based screed

1st Day

Priming of the substrate: remove the dust and apply a coat of Resin Primer (diluted with 400% water) using a Magritte Primer Roller. After 4 hours*, using a Pollock Stainless Steel trowel, apply a coat of neutral Metroresin Body with the addition of 20% Quarzo 06 Met and diluted to 10% with Resin Primer (diluted with 400% water). Maximum applicable thickness: 1 mm approx.

2nd Day

After 12 hours*, sand, remove the dust and apply a coat of Resin Primer (diluted with 400% water). After 4 hours*, using a Pollock Stainless Steel trowel, apply a coat of Metroresin Body (coloured using a tinting machine) The choice of technique is up to the decorator (smooth, veined, trowelled, textured, multi-coloured effect, etc.). N.B. For multi-coloured or shiny solutions, apply additional coats of coloured Metroresin Body or Metroresin Shine (shiny effects) after the previous coats have completely dried.

3rd Day

After 12 hours*, sand to achieve a smooth surface, remove the dust and apply a coat of Metroresin Solid using a Magritte Primer Roller.

4th Day

After 24 hours* (but not more than 36 hours), using a Magritte Primer Roller, apply two coats of Metroresin Matt / Gloss waiting approximately 6 hours* between coats

b. EXISTING FLOORS - Application on existing ceramic floors, stone and hard substrates where adhesion is difficult. All parquet, linoleum and carpeting must be removed

1st Day

Abrade the surface until the floor is adequately matt and porous; using a Magritte Primer Roller, apply a coat of Metroresin Fondo, embedding the glass fibre mesh (Tessuto di Vetro IVAS) into the fresh layer.

2nd Day

After 12 hours*, using Kandinsky notched trowel (triangular teeth), apply a coat of Metroresin Fondo (with a 1:0.7 addition of Quarzo 06 Met) and eliminate the air with a Klee bubble-buster roller. Wait 24-48 hours* (and not more, otherwise sand).

3rd Day

After 12 hours*, using a Pollock Stainless Steel trowel, apply a coat of Metroresin Body (coloured using a tinting machine) The choice of technique is up to the decorator (smooth, veined, trowelled, textured, multi-coloured effect, etc.). N.B. For multicoloured or shiny solutions, apply additional coats of coloured Metroresin Body or Metroresin Shine (shiny effects) after the previous coats have completely dried.

4th Day

After 12 hours*, sand to achieve a smooth surface, remove the dust and apply a coat of Metroresin Solid using a Magritte Primer Roller.

5th Day

After 24 hours* (but not more than 36 hours), using a Magritte Primer Roller, apply two coats of Metroresin Matt / Gloss waiting approximately 6 hours* between coats.

c. DETERIORATED SCREED - Application on deteriorated and uneven screed (for example after having removed previous parquet, linoleum and carpeting from the floor)

1st Day

Abrade the surface until the floor is adequately matt and porous; using a Magritte Primer Roller, apply a coat of Metroresin Fondo, embedding the glass fibre mesh (Tessuto di Vetro IVAS) into the fresh layer.

2nd Day

After 12 hours*, using Kandinsky notched trowel (triangular teeth), apply a coat of Metroresin Fondo (with a 1:0.7 addition of Quarzo 06 Met) and eliminate the air with a Klee bubble-buster roller. Wait 24-48 hours* (and not more, otherwise sand).

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3rd Day

After 12 hours*, using a Pollock Stainless Steel trowel, apply a coat of Metroresin Body (coloured using a tinting machine) The choice of technique is up to the decorator (smooth, veined, trowelled, textured, multi-coloured effect, etc.). N.B. For multi-coloured or shiny solutions, apply additional coats of coloured Metroresin Body or Metroresin Shine (shiny effect) after the previous coats have completely dried.

4th Day

After 12 hours*, sand to achieve a smooth surface, remove the dust and, using a Magritte Primer Roller, apply a coat of Metroresin Solid

5th Day

After 24 hours* (but not more than 36 hours), using a Magritte Primer Roller, apply two coats of Metroresin Matt/Gloss waiting approximately 6 hours* between coats

d. NEW WALLS- Standard application on perfectly even plaster.

1st Day

Priming the substrate: remove the dust and, using a Magritte Primer Roller, apply a coat of Resin Primer (diluted with 400% water). After 4 hours*, using a Pollock Stainless Steel trowel, apply a coat of Metroresin Body (coloured using a tinting machine) The choice of technique is up to the decorator (smooth, veined, trowelled, textured, multi-coloured effect, etc.).

N.B. For multicoloured or shiny solutions, apply additional coats of coloured Metroresin Body or Metroresin Shine (shiny effects) after the previous coats have completely dried.

2nd Day

After 12 hours*, apply two coats of Metroresin Matt / Gloss to Magritte Primer Roller waiting approximately 6 hours* between coats. e. EXISTING WALLS - Application on existing ceramic walls, stone and hard substrates where adhesion is difficult

1st Day

Using a Magritte Primer Roller, apply a coat of Metrostone Primer (diluted with 10% water) After 4 hours*, using a Pollock Stainless Steel trowel, apply a coat of Metroresin Body (coloured using a tinting machine). The choice of technique is up to the decorator (smooth, veined, trowelled, textured, multi-coloured effect, etc.). N.B. For multi-coloured or shiny solutions, apply additional coats of coloured Metroresin Body or Metroresin Shine (shiny effect) after the previous coats have completely dried.

2nd Day

After 12 hours*, using a Magritte Primer Roller, apply two coats of Metroresin Matt / Gloss waiting 6 hours* between coats

Notes:

For each specific area, we recommend using product from the same batch, otherwise there may be slight differences in shade.

Type of Equipment:

Stainless steel trowel (Pollock Stainless Steel trowel), plastic trowel (Gauguin Plastic Trowel)

Ambient Conditions:

min +10°C max +35°C max RH 80%

STORAGE

Packaging:

25 Kg - 10 Kg - 5 Kg

Duration and Preservation:

6 months 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

