Classidur®

MultiRenov XT MATT

TECHNICAL DATA SHEET
02/2022

LIGHTWEIGHT, HIGH-BUILD PAINT WITH A MINERAL MATT FINISH FOR FAÇADE DECORATION AND RENOVATION, BASED ON SILOXANE RESIN (> 40%) IN DISPERSION

INTENDED USE

Recommended for new-build work or renovation of bare or previously coated façades, as a single coat or over a suitable primer, including:
- Concrete and concrete products, unit masonry, aerated concrete panels, bricks
- Existing façade coatings in good condition: thin-film and flexible coatings, and exterior textured renders
- Approved building boards for lightweight buildings (fibre cement, wood-cement or polymer-cement composites, etc.)
- Masonry with hydraulic-binder mortar render; single-coat renders
- Other substrates: consult our Technical Department

PROPERTIES

- Versatile: multiple substrates, for new and renovated façades
- Easy application and excellent glide thanks to Spheroxane technology
- Flexible: suitable for textured substrates. Excellent filling properties
- Enhanced water-beading effect and resistance to dirt pick-up
- Deep mineral matt finish
- Weather- and UV-resistant
- Good water-vapour permeance and permeability

TECHNICAL CHARACTERISTICS

Appearance	Deep matt, specular gloss at 85° < 1
Colour / Tinting	White, pastel and medium shades using Cromology tinting systems. The operator must check colour accuracy.
Density	1.3 ± 0.03
Viscosity	Creamy paint
Solids content	By weight: 73% ± 2%
VOC	2004/42/EC A/c 40 g/l (2010) <39 g/l
Shelf life and storage	24 months in unopened original packaging. Protect from frost and temperatures above 35°C. Reseal the container tightly after use.
Pack sizes	5L - 15L

CLASSIFICATION

- Complies with P 84-403: Class D2
- Complies with NF T34-722: Class D3
- According to EN 1062-1: E4 V2 W3 A1 in Classes D2 and D3
- AFNOR NF T 36-005: Family I - Class 10C
- Complies with FD T30-808: more than 40% siloxane resin

APPLICATION

Substrate condition:
Substrates must be sound, dry and cohesive.

Tools and application method:
Brush, 14 mm pile or textured roller. On textured substrates, use a 20 mm pile or textured roller.
Mechanical application followed by back-rolling:

Tip 621
Pressure: 180-200 bar

Thinning:
Brush, roller:
Thin-film system: 3 coats, thinned by 7%.
Medium-build system: first coat as a primer, thinned by 5%, followed by 1 to 2 unthinned coats.
Conventional or airless spray: thin with 5 to 10% water by volume.

Application conditions:
- Ambient and substrate temperatures above 5°C (take precautions if T > 35°C), with relative humidity below 80% RH
- Dry weather, sheltered from strong winds and direct sunlight.
- Do not apply to substrates liable to remain permanently damp.

Drying (20°C, 65% RH):
- Dry: approx. 4 hours
- Recoatable: approx. 12 hours

Low temperatures and high humidity slow drying.

Tool cleaning:
Clean with water after completing the work.

Application system:
On smooth substrates, as a thin-film coating:
- On sound bare or coated substrates: 3 coats, thinned by 7%, at approx. 200 g/m² per coat.
- On bare porous substrates or old chalking coatings: 1 coat of suitable primer, followed by 1 to 2 coats (thinned by 7%) at approx. 200 g/m² per coat.

On smooth substrates, as a medium-build coating:
- On sound bare or coated substrates: 1 coat, thinned by 5%, at approx. 200 g/m², followed by 1 unthinned coat at 250 to 300 g/m².
- On bare porous substrates or old chalking coatings: 1 coat of suitable primer, followed by 1 to 2 unthinned coats (1 x 400 g/m² or 2 x 200 g/m² per coat).

On rough substrates, as a medium-build coating:
- On sound bare or coated substrates: 1 coat of suitable primer, followed by 2 unthinned coats: 300 + 300 g/m².
- On substrates coated with old medium-build paints: 1 coat, thinned by 5%, at 250 to 300 g/m², followed by 1 unthinned coat at 350 g/m².

Consumption:
200 to 400 g/m² per coat, depending on the substrate and application method.

Notes:
- MultiRenov XT is not recommended on: wood and wood products, gypsum and gypsum products, unrendered aerated concrete blocks or concrete blocks, sealants directly (risk of migration and discolouration), or metals.
- For strong colours, we strongly recommend a suitable primer and a system comprising at least 2 coats of this product.
- On recent hydraulic-binder or mixed-binder renders and/or renders exposed to frequent moisture (application to damp substrates is strongly discouraged), a primer coat is mandatory, followed by 2 coats of the product.
- When applying with a pile roller, ensure an even film thickness. Pronounced ridges may affect the uniformity of the matt finish.
- Take all necessary measures to keep snails and slugs away.
- A medium-build system on flexible substrates or ETICS over 10 years old must first be assessed by our Technical Department. The resulting film has no expected or certified crack-bridging performance.
- In damp conditions, dew, fog or rain, film drying is slower and additives may migrate to the surface, causing slightly glossy or sticky runs. This does not affect the product's technical properties.

Please consult the safety data sheet at www.claessens.com

This technical data sheet informs customers about the properties of our product and has been prepared to the best of our current knowledge. However, given the wide variety of substrates and product-related conditions, users remain responsible for verifying, in accordance with good trade practice, that the materials described are suitable for the intended use. No guarantee is therefore given for application or for the properties stated in this sheet. As technology continually evolves, customers must check with our services before use that this is the latest edition. The stated VOC value is for the ready-to-use product after tinting, thinning, etc. with products from our range. We accept no liability for mixtures made with other commercial products whose actual VOC content is unknown to us.

SWISS DESIGN

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