

JOTUN MUR SILICONE EMULSION UNDERCOAT



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Jotun Mur Silicone Emulsion Undercoat is a silicone emulsion based undercoat, used for leveling out of different substrate textures and to cover cracks in the substrate. It has a high permeability to water vapour and CO². It is used externally as an undercoat for Jotun Mur Silicon Emulsion Topcoat, where required, and it can be applied to both mineral and organic substrates, for instance untreated and previously painted plaster. Bricks must be plastered before painting.

PHYSICAL DATA:

Type.....	Silicone based paint, slightly structured
Colour.....	White, can be tinted on Jotun Multicolor tinting system. The colour is intended only to differentiate it from the topcoat colour and hence allow better covering capacity, it may therefore differ from the selected colour.
Gloss.....	Matt
Viscosity.....	34.000 cps
Specific gravity.....	1.64
Solids by volume %.....	50
Flash point, degrees centigrade.....	
Flexibility.....	
Hiding power (ISO 3905).....	
Water vapour permeability (ASTM D 1653).....	
Adhesion.....	
Adhesion (ISO 4624), dry.....	
Adhesion (ISO 4624), wet.....	
Adhesion (ISO 4624), after drying.....	
Particle size.....	
pH value.....	
pH value ready-mixed solution.....	
Weather resistance.....	
Gloss retention.....	
Water resistance.....	
Chemical resistance.....	
Solvent resistance.....	
Abrasion resistance.....	

RECOMMENDATION FOR USE:

Film thickness, dry.....	200 micrometres
Film thickness, wet.....	400 micrometres
Recommended spreading rate.....	1 - 4 m ² /ltr
Recommended spreading rate, sawn wood	
Recommended spreading rate, planed wood	
Application methods.....	Brush
Guiding data for airless spray:	
Nozzle.....	

Spray angle.....	degrees
Pressure at nozzle.....	kg/cm ²
Drying times, (guiding data at 23 deg. C, 50% R.H.):	
Dust dry.....	
Dry to touch.....	3-4 hours
Interval between coats.....	12 hours
Dry to use.....	
	Varies with changes in temperature, humidity, ventilation and film thickness
Reaction time.....	hours
Thinner/cleaning agent.....	Water / Soap and water
Mixing ratio.....	One-component
Pot-life.....	hours
Conditions during application.....	Air and substrate temperature must be above + 5° C. Not to be applied in direct sunshine.
Substrate.....	
Drying time before sanding.....	hours
Launching.....	

SAFETY DATA:

A material safety data sheet for the product has been issued.
 EU limit value for this product (cat. A/c): 75 g/l (2007). This product contains max 75 g/l VOC.

FLAMMABILITY CLASSIFICATION:

Norway.....	-
Sweden.....	
Denmark.....	

MISCELLANEOUS:

Tinting.....	On Jotun Multicolor tinting system
Size of containers.....	2.7 and 9 litres
Remarks.....	Frost-free freight and storage. Stir well. Paint should be regarded as a semi-manufacture. The result is dependent on construction, the condition of the substrate, temperature, application, etc. Ask for further information.

DIRECTIONS FOR USE:

PRETREATMENT

The substrate must be sound, clean and dry. Fungus, soot and other contamination must be removed, using a suitable detergent. Window panes should be covered. New plaster should be allowed to cure minimum 4 weeks before treatment. Possible constructional weaknesses must be repaired before painting starts. Loose paint and loose plaster must be removed. Untreated substrates should be pretreated with Jotun Mur Silicone Emulsion Primer. Bricks must be plastered before painting.

METHODS OF USE

Jotun Mur Silicone Emulsion Undercoat is ready for use. It must always be recoated with Jotun Mur Silicone Emulsion Topcoat. Jotun Mur Silicone Emulsion Undercoat can be tinted with half of the amount of paste used in the Topcoat, in order to secure a good covering capacity for the subsequent coat. Apply the product by brush. Roller may be used to apply the paint, but thereafter a brush should be used to work the product into the substrate. Apply to small areas at a time, and cross-paint to achieve best possible penetration into the substrate.

The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

Paint should be looked upon as a semi-manufacture. The result is dependent on construction, the condition of the substrate, pre-treatment, temperature, relative air humidity, application etc.
