

## SILICONE RESIN EMULSION PAINT

TECHNICAL DATA SHEET -121-1915-16

AMEETUFF Silicone Paint in combination with primer

Because of the product's characteristics, especially in combination with Primer,

**Ameetuff** Silicone Paint can be used to produce water repelling, highly water vapor diffusion-open, protective coatings on building.

Ameetuff Silicone Resin Paint is especially used on, a difficult coating substrate, in heritage preservation areas.

**Ameetuff** Silicone Resin Paint can also be used as a restoration coating on load-bearing silicate, silicone and matt, weathered dispersion coatings, synthetic resin renders and functioning, bonded heat insulation systems.

It is not suitable for use on plastic, thermoplastic and elastic coating systems, Surface preparation is very important in case of old painted surface so removing old layer of plastic paint or enamel is must .if applying on old plastic or enamel coated surface.

### **Characteristic data of the product in the packaged state Binder:**

- low molecular silicon resin emulsion Pigments
- lightfast, alkali resistant oxide pigments
- Density: 1.45-1.53 g/cm<sup>3</sup> depending on color
- Viscosity: ready to brush or roll
- Thinning medium: water pH value: 8-9

Characteristic data of the coating Water vapor permeability,

Character Surface texture: smooth Adhesive pull strength on untreated substrates: > 0.6 N/mm<sup>2</sup> on weathered, old coatings: > 0.4 N/mm<sup>2</sup>

Weather resistance: very good Tendency to soil: little Reaction to fire according Class A2 non-combustible.

Colors: white, clear, color collection as per requirement , Silicone Paint Pigmented silicone resin emulsion paint Coating contains a film preservative to protect surfaces at risk of infestation with alga or fungi Water based.

For use outdoors Working temperature Brush/roller - Store frost-free and cool protected from moisture in closed containers -Shelf-life one year

**Ameetuff** Silicone Resin Paint, which is normally used for new construction and in industrial areas, is chosen more and more often as a colored protective coating for protected historical objects because of its micro-porous, minerallike characteristics.

The coating has the following properties: High water vapor and carbon dioxide permeability - Positive influence on the heat balance of buildings.

Does not prevent a carbonation reaction - No loss of strength because of drying out too quickly, especially on concrete surfaces

Highly tight against liquid water (driving rain and splash water)

Does not darken when wet

No moisture penetration under extreme weather conditions

Does not swell Building materials protected with **Ameetuff** Silicone Resin Paint absorb only very little water when it rains and these small amounts are easily given off in dry periods. Because of this, the building material remains essentially dry and damage caused by moisture is avoided.

Little tendency to soil:

Non-thermoplastic -Low stress

Cleans itself in rain Easy to apply

Slightly alkaline coating system

No spotting or streaking

Easily coated over Practically inert against iron and manganese minerals Unlimited color variation and Wide range color collection from pastel to full colors , Dries matt, independent of the substrate , Mineral character Can also be formulated as a translucent coating for natural stone High weather resistance , UV light-proof Resistant to industrial pollution and micro-organisms , Excellent bond to all mineral substrates

**Ameetuff** silicon resin paint Can be applied to old, loadbearing weathered coatings Environmentally correct , Water dilatable, Non-corrosive Substrate The substrate must be dry, clean, load bearing, free of loose material, dust, release agents, oil and grease residue. Remove nonadhering coats of paint or other coatings thoroughly. Clean weathered coatings with a high pressure jet.

**Ameetuff** - untreated and absorbent cementations substrates with **Ameetuff** silicon Primer. Depending on absorbency of the substrate, Prime weathered, sanding, untreated cementations substrates and chalking coats of silicate paint with **Ameetuff** Primer spl Primer.

Finishing coat Apply a finishing coat of **Ameetuff** Silicone Resin Paint to the white or colored intermediate coat. Between the individual working operations, a drying time of at least 6 hours should be observed,

**Ameetuff** silicone paint is depending on ambient conditions. Protect from direct sunlight and rain according to trade rules. Do not use at temperatures below +5°C. Application rates may vary and are determined by the absorbency and texture of the substrate. Exact quantities should be determined on a trial area. When applying, continuous surfaces should be coated wet, all at one time, to avoid streaks or seams. Always use paint with the same batch number when coating continuous surfaces. Tools, cleaning Brush, lamb-skin roller Clean brushes, equipment and any splashes with water while the paint is still fresh.

**Ameetuff** Silicone Resin Paint Packaging - 25 kg

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