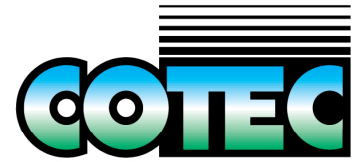




High Performance Paint Product Data Sheet



SILTEC FACADE

04-140X JUN 09



DESCRIPTION: A silicon resin based paint for use on building exterior cladding and façades. Water repellent and vapour permeable imparting a breathable "rain shield" coating to building exteriors.

TYPICAL USES: All exterior mortar renders, synthetic resin plasters, EIFS and solid masonry construction.

PERFORMANCE: Highly water repellent (Hydrophobic) yet fully moisture vapour permeable (breathable). Maximum permeability for water vapour and CO₂. Very dirt repellent and self cleaning. High protection against algae and fungus. "Mineral" flat finish. Excellent exterior durability. Able to be applied over existing acrylic coatings.

LIMITATIONS: Do not apply if the temperature during application and drying is likely to fall below 10°C or rain is expected within 4 hours.

TECHNICAL DATA:

Resin:	Silicon resin emulsion (SREP)
Solvent:	Water
Finish:	Matt (<3% @ 60°)
Colour:	White/Limited Colours
Touch Dry (minimum):	60 minutes @ 20°C
Recoat Time (minimum):	4 hours
Primer:	See over
Number of Coats:	2 required, 3 on heavy textures
Dry Film Thickness:	
Wet Film Thickness:	
Durability:	Excellent
Thinning and Clean Up:	Water
VOC:	
Pot Life:	Not Applicable
Water Vapour Permeability	Sd value , 0.1m
Water Absorption	W ₂₄ < 0.5-0.1 (kg/m ² .h)
Pack Size:	4, 10 Litre

SPREAD RATE:

Theoretical Coverage: 6-8 m²/litre/coat.
Coverage depends on surface profile and porosity.

COMPUTER CODES:

Siltec Façade 04-1402

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SILTEC FACADE

SURFACE PREPARATION:

(Refer to "Surface Preparation and Paint Systems" for full details). To ensure a successful application all surfaces to be coated must be clean, dry and stable.

Any mould, moss, algae needs to be treated with a suitable chemical cleaner/inhibitor. Ensure surfaces are free from oil, grease and any surface contamination. Use commercial detergent/alkali cleaner, not acid wash.

Note: Curing of cementitious substrates: Allow to cure correctly so that any expected shrinkage cracking occurs before the application of the SILTEC topcoats. Any such cracks are best filled with a cement/sand slurry before applying the SILTEC. Do not expect SILTEC to bridge moving cracks/joints.

Note: Commencement of work on a surface means in general you accept that surface. If any doubt about condition etc, seek advice.

NEW PLASTER (LIME CEMENT, CEMENT RENDER, EIFS):

Allow 1 day cure per mm thickness.

Prime with SILTEC PRIMER 104 (silicon penetrating primer, water based). See data sheet.

OLD PLASTER, CEMENT OR SILICATE BASED PAINT:

Remove all loose, chalky or poorly bonded layers.

Dust off and repair and allow to cure fully. Wash off any dirt, etc.

Prime with SILTEC PRIMER 104 (silicon penetrating primer, water based). See data sheet.

NEW CONCRETE, CONCRETE BLOCK WALLS, TILT SLAB:

Allow to age and cure (28 days recommended).

Prime with SILTEC PRIMER 104 (silicon penetrating primer, water based). See data sheet.

APPLICATION:

Primarily aimed at roller application. Use 6-10 mm mohair/dacron, depending on surface profile. Can be applied by brush. Coating will be soft when first applied but will harden up over 5-7 days. Silicon resin emulsions are slightly slower to reach first water resistance than acrylics so avoid painting if rain likely within 4 hours. Apply 2 coats on smooth to light textured surfaces, 3 on heavy texture, at correct coverage rate.

Coverage rate 6 – 8m²/litre/coat on smooth to light textured surfaces.

THINNING & CLEAN UP:

Maximum thinning 10% water if high ambient temperature/low humidity is experienced. Clean up in water. Use a small amount of detergent to aid clean up.

ENVIRONMENTAL:

This formulation uses the latest technology with low toxicity, ensuring environmental issues are not compromised. DO NOT POUR paint or wash down storm water or water courses. ALWAYS dispose of in accordance with local Government regulations. Soak up spills with absorbent material and dispose of properly. If spraying use suitable respiratory protection. Refer to the MATERIAL SAFETY DATA SHEET.
