High Performance Paint

Product Data Sheet

SILTEC PRIMER 104

04-104 JUN 09

DESCRIPTION: Silicone chemistry primer for masonry type substrates. Produces hydrophobic substrate.

TYPICAL USES: Is a high quality water repellent Primer, for impregnating and priming mineral surfaces, such as: bricks, concrete, Oamaru stone, mineral plaster or EIFS systems. See INFO SHEET for more details.

PERFORMANCE: SILTEC PRIMER 104 plays a major role in the SILTEC FAÇADE coating system. It forms a water repellent zone beneath the coating, consolidates the substrate and enhances the bonding of subsequent topcoats. It is vapour permeable and durable and protect the topcoat layers against harmful influences from with-in the masonry.

LIMITATIONS: Shelf life is 12 months. Do not apply if the air or surface temperature during application or drying is likely to fall below 10°C. Stop application if rain is eminent.

TECHNICAL DATA:

Resin:	Silicone Chemistry Emulsion
Solvent:	Water
Finish:	Not Applicable
Colour:	Milky pink
Touch Dry (minimum):	10-30 minutes @ 20°C
Recoat Time (minimum):	1-2 hours
Primer:	See over
Number of Coats:	2 usually required
Dry Film Thickness:	Not Applicable
Wet Film Thickness:	Not Applicable
Durability:	Very good
Thinning and Clean Up:	Water
VOC:	
Pot Life:	Not Applicable
Pack Size:	4, 10 Litre

SPREAD RATE:

Theoretical Coverage: 5-10 m^2/litre/coat.

Coverage depends on surface profile and porosity.

COMPUTER CODES:

Siltec Primer 104	04-104

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SILTEC PRIMER 104

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.

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

The product requires a minimum of surface preparation.

NEW CONCRETE/TILT SLAB:
Ensure the surface is dry and free from dust and dirt, and "release agents". SILTEC PRIMER 104 can be applied on fresh concrete which is "dry", and after 5 days minimum cure. If surface is dusty or has release agents, water blast first to remove loose material/agents.

OLD CONCRETE:
Remove all old paint/grease/contaminants. Allow to dry.

FIBRE CEMENT BOARD – HARDITEX, ELEPHANT BOARD ETC:
Ensure surface is dry and dust free.

STONE/BRICK (NOT LIMESTONE/MARBLE):
Ensure surfaces are clean, dry and free of mould, moss, mildew etc. Wash with suitable mould killer, if necessary to remove any contamination, rinse, allow to dry.

EIFS:
Ensure the surface is free from dust and dirt, and is "dry". Usually requires a minimum cure of 2 days at 15 – 20^{o}C, before using SILTEC PRIMER 104.

APPLICATION:
Roller, brush or spray.
ROLLER: Use 10-12 mm dacron type.
SPRAY: Recommend Airless Spray.

Apply 1 or 2 coats (wet on wet) depending on porosity of the surface. Flood the surface.

NOTES:
1 Dense surfaces require full strength. Lower density surfaces - dilute the SILTEC PRIMER 104 up to 100% with potable water.
2 The product is coloured pink so that an even colour can be spread over the substrate. This will ensure the total surface has an even depth of penetration and protection.
3 Thinning:

	Dilution	No of Coats	Penetration Expected
Concrete / EIFS	No	2	1-2 mm
Sandstone types	No	1-2	1-5 mm
Bricks	1:1	1	4-9 mm

THINNING & CLEAN UP:
Thinning is dependent on substrate, see above. Use potable water. 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.