Surface™R – Cement surface render

Surface™R is a pre-blended polymer-modified, high-adhesion cement render specially formulated for use with Surface™AD on PVC and most non-porous surfaces (no rubber products). It is the perfect finish for a two-step application of Surface™AD+R. It eliminates the need for complex and expensive work steps and materials to achieve a smooth and flexible finish on any PVC-based substrate. No special glues or warranty voiding scuffing, or the need for five steps to get a render finish. In combination with the Surface™AD, Surface™R render with an exceptional adhesion to Surface™AD, eliminating a costly and time-consuming render application with multiple products and applications. All that is needed is a clean PVC substrate, and with only hours, not days of work, the 2-step, Pro-finish will be achieved.

Surface™R exhibits minimal drying shrinkage and is a reliable surface for over-coating with Surface™AD on PVC framework such as Dincel™, Rediwall™ and similar PVC wall systems.
Surface™R is easy to mix and straightforward to apply.
Surface™R is easy to use and has excellent adhesion to properly prepared substrates, especially when used with Surface™AD.
Surface™R has a tough, smooth finish and is long-term exterior protection.
Surface™R displays water repellent abilities.
Surface™R can be painted over after 7 days.
Surface™R can reduce costs and time when used on PVC with Surface™AD bonding agent for a smooth surface, such as steel, PVC applications (Dincel™, Rediwall™ or similar).

USES

Surface™R is suitable for application over properly prepared substrates such as polystyrene, brick, block, concrete, AAC blocks and panels and can be used both for interior and exterior.
Surface™R is ideal as a base coat for fD-TDC™ Thermal Dynamic Coatings.
Coverage Rate 2-3m2/20kg @ 4mm build.
After the initial dry set has occurred, rewet 1 to 2 times a day with clean water for approximately 2 days, weather depending, and test first. This is especially important during hot and/or windy weather. Do not use in standing water without waterproofing Surface™R with a waterproof sealer suitable for in-water use.

Application Method: Trowel or Spray (Wagner Pro)

Dry Film Build 4-10mm; Wet Film Build 4-10mm.
Typically, at 25 ºC and 50% Relative Humidity, Drying Time is around 8 hours, touch Dry.
(Dry times vary with changes in temperature and humidity and residual moisture in the substrate). Curing Time is around 48 hours.
Clean up with water immediately after use if Surface™R has not cured. Remove any unwanted material or splatter from surfaces with water as soon as possible.
Pot Life is around 20-30 minutes, weather depending.
Surface™R must be applied over properly prepared substrates that are free of dirt, dust, grime, oils and any other contaminants. Do not use in >85% humidity unless tested before.
DO NOT apply Surface™R if air and surface temperatures are below 5ºC or above 35ºC.
For traditional hawk and trowel hand application, mix 20kg of Surface™R to 4-5.0L of cool, clean portable water for a minimum of 3-5 minutes, let stand for a further 3 minutes and re-mix and adjust to desired consistency. Use a shear mixer for optimal mixing.

Surface™R should not be applied in a single coat greater than 10mm. If the total thickness of the coating system is to exceed 10mm, it can also be sprayed on with a machine such as Wagner Pro. Please, always test before the final application.
Keep the finished application away from rain & high moisture for 24 hours after completion, depending on climatic conditions.
Surface™R is not suitable for application over fibre cement sheeting and in standing water.
Surface™R can be applied up to 10mm.
Surface™R must be kept dry during transportation and storage.
When working with Surface™R, precautions for handling cement-based products should be observed.

SAFETY

Avoid inhalation of the powder and prolonged skin contact, particularly eye contact. Use PPT.
If contact occurs, flush thoroughly with clean water.
Wear protective clothing to minimise skin contact and wear goggles where splatter is likely.
Any spills are to be disposed of in accordance with State and local council regulations.
For further information, please contact us through mailbox@fluxdesignaustralia.com or refer to the Surface™R /SDS.
Surface™R comes in 20Kgs and 1TN bags

For further information, please contact us through www.fluxdesignaustralia.com

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