

Surface Preparation and Application of Exterior Acrylic Coatings

Technical Support Procedure TP-9201-18



ronass

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PROTECTIVE COATINGS | MARINE COATINGS | DECORATIVE COATINGS

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Ronass Exterior Siliconized Coating | RTB-694-S

Ronass' Exterior Siliconized Coating is produced and supplied in various shades for decorating and protecting, as well as prolonging the lifetime of building facades. The most noteworthy features of this product are its water-repellent and dust-repellent characteristics, in addition to its durability and resistance to abrasion. RTB-694-S has excellent adhesion to concrete surfaces and facades, and it is completely resistant to ultraviolet radiation and moisture. The well-rounded characteristics of this coating have made it a suitable product for humid environments and hot, dry and cold areas, especially in large polluted industrial cities. Ronass Exterior Siliconized Coating is a breathable coating and is resistant to the absorption of dust as well as the growth of microorganisms and algae.

Application Guidelines for Ronass Exterior Coatings

Surface Preparation

If the walls and surfaces have been previously prepared and painted, and are now being repainted, wash the surface using a high-pressure power washer water and then dry with compressed air. If you observe surface cracks, apply a layer of RTB-750 (Two-Component Epoxy Sealer) at the depths of the cracks using a brush. Once the sealer has dried, use a suitable putty to fill any remaining cracks if necessary.

If the surface is being painted for the first time, it is recommended to treat the surface using RTB-750 (Two-Component Epoxy Coating) or RTB-693-S (Siliconized Breathing Sealer) by completely covering the area you desire to paint. Be generous with the amount of sealer being applied. After the sealer has dried, examine the surface, and if you are able to identify any visible cracks or holes, or if the surface is not even and uniform, treat the surface with a suitable putty or filler. Once the putty or filler has dried, use a suitable sandpaper to remove any unevenness and prepare the surface for painting.

Application

Once the surface has been prepared, thin the paint down with 50-70% water and begin applying the paint onto the desired surface. The recommended tools for application include brush, roller and a conventional air spray system.

The surface drying time (Dust Free Time) of RTB-694-S in the appropriate temperature and humidity is 15-30 minutes and the drying time of the coating (Tack Free Time) will be one hour. Please note that during the paint application, it is very important for the surface to be absolutely dry, and that the ambient and substrate temperature remain within the recommended application limit of 5°C-40°C.

Storage Conditions and Safety

Storage Conditions	To be stored in cool and dry conditions within a temperature range of +5°C minimum and +40°C maximum in original sealed containers. Keep away from freezing temperatures.
Shelf Life	At least 12 months after delivery.
Safety	This product is water-based and non-flammable. Keep away from children, eyes, mouth, nose, and ears. This product can harm your skin and respiratory system; therefore, keep from prolonged breathing of paint vapors while applying. For additional safety, keep away from fires and direct sunshine. Use with adequate ventilation.

For more information, please refer to the technical specifications of the products you intend to use.