



Features

FF Densifier is a clear silicate based liquid which provides several benefits like hardening, densification and sealing of Concrete surfaces. It is particularly effective and recommended for use in obtaining polished concrete finishes. Normally applied before the final polishing coats, the FF Densifier will make a perceptible difference to the strength and gloss of the polished surface.

Key features include:

- FF Densifier has zero Volatile Organic Content, hence it environmentally friendly
- Greatly improved abrasion, impact resistance and life expectancy
- Protects against efflorescence
- Produces a dust free waterproof surface
- Single coat easy application
- Reduced chemical attack from hydrocarbons and other chemicals
- Long term performance
- Can be polished to produce high strength
- Can be used over FF Terrazzo and HardTop
- Treated surface can receive

Application

- Polished concrete floors
- Washed floors

Appearance

Clear liquid

Output/Coverage

80–150 g/m² depending on surface structure and absorbency. The quantity consumed is to be

ascertained by conducting preliminary tests with the processing criteria and the desired result.

Base Surface Preparation

Surfaces must be sound and free from loose materials, laitance or coatings. Cracks or holes can be repaired and allowed to cure fully prior to treatment. Surface must be dry before the application of the FF Densifier.

Application/Installation Method

Ordinary freshly placed concrete must be at least 14 days old prior to treatment. Ordinary concrete containing pigments should be 28 days old prior to treatment and a small area tested first to determine the effect on the colour. FreeForm concrete surfaces are normally okay to be densified after 4-5 days.

On soft to medium concrete and depending on the desired finish (salt and pepper, aggregate exposure) it is a good idea to carry out densifying after the 80 grit diamond and then moving on to the next sequence of grits. On medium-hard to hard concrete, it is best to densify around the 200 to 400 grit range.

Apply to any non-movement cracks ensuring they are filled with the product, then apply to the remaining area using a soft broom or brush scrubbing it into the concrete surface. Large areas can be treated using mechanical scrubbing machines.

Apply as much densifier as the concrete will soak, while ensuring that each part is soaked for a minimum of 30 minutes. After it starts rejecting the material, break the surface tension by using a scrubbing movement and give the densifier chance to penetrate again.

If most of the material has penetrated, redistribute the remaining product from the wetter areas to the drier

areas. Add water to the slippery areas, spread out evenly and let dry.

Allow the product to be absorbed for up to 2 hours, any product not absorbed after this period must be removed. Very porous or dusty surfaces may require a second application. Localised areas may require a second application.

If a second application is required allow the concrete to dry for 24 hours and apply as per the original procedure, again making sure any non-absorbed product is removed after 2 hours.

Packing

5 litre plastic can

Shelf Life

Minimum of 6 months

Precautions

FF Densifier will not accommodate dynamic movement cracks. Protect aluminium and glass from overspray.

Do not dispose off into the water system. Excess material not absorbed must be removed to prevent the formation of a soft film on the surface.

Technical Support

📞 9374001415

✉ support@freeformbyvyara.in

Disclaimer

Any recommendations for application techniques are based on experiences. It is advisable to adapt processing techniques and material quantities to the given local conditions and we refer in this context to our general terms of sale and delivery

Health Precautions

Adequately protect hands and eyes. In case of contact with eyes consult doctor immediately.

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