



Features

ClearSeal is applied as a transparent, invisible, non-film forming impregnation for enhanced resistance against oil, water, dirt and stain. General tendency towards staining of the surface is considerably reduced.

ClearSeal is chemically bonded to the concrete surface, thus giving a long lasting protection. Oil, water and stain forming liquids, like coffee, soft drinks etc. repel on the surface and can be easily removed, e.g. by using an absorptive tissue.

ClearSeal offers several important investment enhancing benefits as follows:

- a. Water and oil repellence
- b. Practically no visible changes of the treated concrete surface
- c. Good stain resistance
- d. Prevents algae and moss formation
- e. Improved cleanability for surface
- f. Reduces primary efflorescence
- g. UV stable and non yellowing
- h. Non hazardous during application and use
- i. Environment friendly
- j. Solvent free and hence non-carcinogenic

Application

FreeForm ClearSeal can be used for slightly absorbent surfaces of concrete and stone.

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.

Base Surface Preparation

The base surface should be free from moisture, water, oil, grease or any loose particle matter before application.

Application/Installation Method

Temperature range

+3°C to + 35°C

ClearSeal is easy to apply, and UV resistant, making it ideal for exterior applications. The surface to be impregnated should be relatively free of moisture, oil, great and loose particles.

ClearSeal should be stirred before use. It is to be applied onto the hardened concrete products either in the production line before packaging or after placing onto the cleaned and dry concrete products. Apply only as much ClearSeal as penetrates into the concrete. Ensure there is no excess material floating on the surface after application.

It should be applied as evenly as possible. This is usually accomplished by using an automatic spraying equipment. In order to avoid formation of aerosols and respirable particles the use of an air-less-spray equipment at less than 60 psi (5 kg/cm²) is recommended. Flush equipment with water when longer still stands or working breaks occur.

Curing

Allow about 24 hours without exposure to water for full cure.

After Protection

The life of ClearSeal is dependent very much on the usage conditions. It works as an impregnation and hence the effects are expected to last for 1-2 years, but same may be more or less depending on usage.

Packing

Plastic can

Shelf Life

ClearSeal has to be stored in original packaging at a temperature range of +3°C to +40°C max. The storage stability of ClearSeal is three months minimum in original packaging.

Precautions

Eye irritant. Avoid contact with eyes. Do not breathe spray mist. Use only in areas with proper ventilation.

Technical Support

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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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