



STONE OVERLAY SYSTEM

DESCRIPTION

STONE OVERLAY SYSTEM can be used to resurface concrete in a large number of ways, it can be stamped, acid stained, broomed, sprayed, troweled or squeegeed. It can be applied on driveways, patios, pool areas, malls, theme parks, parking lots, interiors and exteriors. You can turn ordinary concrete into beautiful works of art; our great choice of stamping mats plus the addition of an ageing agent gives you an unlimited amount of possibilities.

FLOOR PREPARATION

Concrete should be cured for at least 14 days in warm weather climates and 28 days in cold weather. All surfaces must be free of oils, grease, dirt, mildew, paint, curing agents and anything that will prevent polymer from adhering to the surface. Concrete must be acid etched and rinsed thoroughly.

BOND COAT

Mix 4 litres of STONE POLYMER, 4 litres of water and one 25 kg. bag of HARDSTONE OVERLAY (mix formed by quartz of appropriate grading, white and grey cements, pigments, leaching, hardening and condensing resins) whose product is between 8 to 10 sqm depending on the base conditions.

STONE OVERLAY MORTAR PREPARATION

Mix 1.5 litres of STONE POLYMER and 4.5 litres of water and afterwards add one 25 kg bag of STONE OVERLAY; if the mix is too dense add water until the desired density is obtained. Yields about 1.5 sqm for 1 cm of thickness.

APPLICATION

Moist surface to be treated and apply with a squeegee or broom the bond coat and let it penetrate all the base cavity leaving a layer of about 2 mm of thickness. Wait that some amount of water evaporates and before it is dry spread the mortar of STONE OVERLAY for the desired thickness. Let the product rest for the necessary time and then spray the surface with STONE RELEASE LIQUID by means of a spray pump and stamp immediately (STONE LIQUID RELEASE easily evaporates therefore it should be applied at the time of stamping). The next day clean and refinish the stamped surface.



To obtain ageing effects or to decorate the stamped surface, use our STONE AGEING LIQUID available in various colours.

Put the solution in a spray pump and spray uniformly on the entire area assuring that it penetrates in the chamfered area. This ageing solution will form a deposit in the deepest area forming so a natural antique appearance. The advantage of this method is the full control over the results and the intensity of the ageing appearance.

SEALING

Two coats of STONE SEALFLOOR 100 are recommended (allow enough drying between coats).

CONCLUSIONS

The obtained pavement is highly resistant to freezing, salts, chlorine, acids, oils, etc. the colour is weather resisting because the used oxides are resistant to the ultraviolet and infrared rays and to cement alkalinity. If it is necessary at a later stage to demolish part of the pavement for passing of services, the same can be rebuilt with the same printing and colour.

IMPORTANT:

What's in this data sheet is based on best knowledge derived from practical experience and laboratory. This document cancels and replaces the previous ones. The data can be modified at any time. The customer has the responsibility to verify that the product is suitable for the application they want to perform. The manufacturer assumes no responsibility for the results of incorrect applications. It is strongly recommended to test the product on a small area before application. The product is for professional use. The International Stone regularly organizes training courses for its customers who request it. Those who use these products without being entitled do so at their own risk.

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