

SIENNA CONCRETE STAINS

Sienna Concrete Stains are a mildly acidic based decorative finish for concrete and other mineral based materials, where reaction with free lime creates a permanent, variegated effect to the surface.

EXTERIOR APPLICATIONS – Suggested Method Statement.

1. Make sure the surface of the concrete to receive the stain is clean, free of all loose material and that there is no barrier sealer or curing membrane on the surface. On very old surfaces, the slab should be tested for free lime reaction. If this is absent or reduced, an application of stain reaction improver is advised, before the decorative work is commenced.
2. Apply the first coat of stain, diluted 1 : 1 with water, as a preparatory coat. The stain should be applied with a stiff brush in an agitated, circular motion. A “fizzing” reaction will be apparent and this is normal. Material should be applied liberally, over the whole area, although care should be taken not to allow run off onto adjacent areas.
3. Leave the stained surface to react for a period of 2 – 4 hours, then wash off thoroughly and allow to dry. (On larger areas, it is recommended that removal of the stain should be carried out using a wet/dry industrial vacuum cleaner to control run off and ensure all residue is removed.). The product is acidic in nature and all normal precautions for handling and controlling such materials apply. Hazard level is similar to that of brick cleaning acid.
4. Although the reaction of stain with free lime neutralises the material, where run off to soft landscaping may occur and a wet/dry vacuum is not to be used, we recommend the wash off is carried out with HRL Neutraliser, to ensure a neutral Ph. value of any residue.
5. Once dry, clean off any powdered residue, by sweeping thoroughly, then apply the second coat of Stain, at full strength, as per procedure 2 - 3 above.
6. Repeat with a further coat as required.
7. Once the level of stained surface has been achieved, the surface should receive one coat of penetrating sealer, such as HRL Sicorol W Colorfresh, for improved dirt and stain resistance and enhanced colour appearance.

NOTE:

It should be appreciated that application of Sienna Concrete Stain is based on a reaction of the product with free lime in the cement at the concrete surface. The effect is a variegated finish where shading of the finished colour is normal and desirable. Actual colour development is affected by cement type, colour and content, together with the underlying colour of the receiving slab. As such, final colour is not predictable, although is repeatable provided consistent timings and procedures are maintained. The production of on site samples is strongly recommended, prior to application.