

Sorrento

Penetrating Decorative Stains for Concrete.

Sorrento Concrete Stains are water based, non hazardous, penetrating staining materials, which provide a semi translucent, variegated finish to concrete surfaces. Suitable for floors, walls and concrete units, they offer an extensive colour palette and a unique range of decorative and design options.

INTERIOR APPLICATIONS – Suggested Method Statement.

1. Make sure the surface of the concrete to receive the stain is clean, free of all dirt, contaminants or loose material and that there is no barrier sealer, redundant adhesive or residual curing membrane, which might inhibit penetration of the stain. Mask all areas not intended to be stained to protect against potential cross contamination of cleaning residue and stains.
2. The floor should be prepared by grinding with a single pass using 100 grit metal bonded diamond pads, followed by removal of resulting residue with a wet/dry vacuum. Once preparation is complete a test patch should be created using the stain to test for stain adhesion and, if required, approval of the colour achieved.
3. On existing floors, where significant pre start contamination is observed, a series of Tape Tests should be carried out after initial preparation, to ensure no contaminants or foreign particles remain.
4. Application of a decorative stain will not alter the surface texture, condition or remove any existing blemishes and surface damage. Where it is desirable to overcome contaminated areas or blemishes this can be achieved by application of the stains in more concentrated form to localized areas. If unsuitable surface area is excessive, consideration should be given to surface refurbishment with a Beton Cire micro topping (see separate technical data sheet).
5. Application method, to attain a natural variegated appearance, Sorrento Stains should be applied by creating a mist coat via an airless sprayer, high volume low pressure (HYLP) sprayer or trigger spray bottle. Variegation will result from differing specific gravities of material within the formulation and variable absorption rates of the concrete surface. Application by roller tends to force absorption resulting in a more monotone appearance.
6. Other application methods, such as sea sponge and bristle brush can be utilized, especially for corners, walls and upstands. In addition secondary and highlight coats may be applied for more creative and random effect, as soon as the initial coat is touch dry (usually after 20 – 30 minutes).
7. Subject to adhesion test, Sorrento Stains may be applied over previously sealed surfaces, where compatible sealers have been used.
8. Sorrento Concrete Stains should not be applied at temperatures below 5 degrees C or over 30 degrees C.
9. Once the stained surface has been achieved, the surface must receive an application of protective sealer. Choice of sealer varies according to the ultimate use of the surface. For vertical surfaces and light use horizontal installations HRL Sicorol W Colourfresh or HRLSicorol HO Colourtec Max penetrating sealer will usually be adequate. For heavier duty surfaces where extensive foot and/or vehicular traffic is anticipated, additional surface hardening should be incorporated using HRL Pente-guard. . (see separate data sheet).
10. Slip resistance is addressed by a combination of the lightly etched surface and the slip resistant characteristics of the penetrating sealer chosen. In addition, specific slip resistance polishes and coatings can be supplied as part of the maintenance manual.

NOTE: Production of on site samples is strongly recommended before commencement of works.