

Guide Method Statement for **SASSOITALIA** decorative flooring.

The following is given as a guide only to specifiers and others considering the use of **SASSOITALIA** for their decorative floor finish. Contractors wishing to undertake the work should be trained and guided by Ideal Work approved instructors.

The structural/Mother slab should have a minimum 15 cm thickness and minimum 30 N/mm² concrete and should be cured using **IDEAL WORK Curing**. The surface to receive the **SASSOITALIA** should be scarified prior to application of the **SASSOITALIA** to create a mechanical key.

All construction and contraction joints in the structural slab must be mirrored in the **SASSOITALIA** topping. Joints in the structural slab could be created by a saw cut (max 12-18 hours after the concrete is poured). To create joints in the **SASSOITALIA**, we recommend fixing steel, brass, marble or aluminium joints on the structural slab, for example

(http://www.progressprofiles.com/english/mostra_scheda.php?key=GRfBH9nAjC&key_pro d=PLG). This type of joint can be used to create decorative designs.

Cleaning, roughening and pre-wetting the concrete substrate with water for 12 hours prior to placing **SASSOITALIA** is essential. Cleaning and roughening will insure a proper bond for the primer **IDEAL BOND** to the substrate. Pre-soaking the concrete substrate with water will prevent a dry concrete foundation from absorbing or sucking water out of the **IDEAL BOND** mixture prior to its final set.

The surface strength (Pull-Test) of the surface must be at least 1.5 N/mm².

To each 25kg bag of **IDEAL-BOND**, add approximately 6-7 litres of water and mix for approximately 3 minutes with a low-speed mixing drill until a suitable plastic consistency is established. Do not use excessively wet material. Apply **IDEAL-BOND** by means of a hard-bristle broom. Recommended thickness is 1-2 mm to a surface which must not be excessively wet.

After placing **IDEAL-BOND**, apply **COLOUR-MIX** topping immediately "fresh on fresh", before the primer has an opportunity to dry out. If **IDEAL-BOND** dries too rapidly, it will be necessary to apply a further coat of the product.

COLOUR-MIX must be mixed directly in the mixer with cement (white or grey or a consistent blend of both) and the aggregate. Basic proportions (by weight) are:

1 Part **COLOUR-MIX**

2 Parts Cement

5 Parts Aggregate

When mixing, first add 50% of the aggregates, followed by the water, then the **COLOUR-MIX**, then the cement, then finally the remainder of the aggregates.

This formulation may vary depending on the aggregate particle size, the performance sought and the requirements of the site and client. Consult **IDEAL WORK** if there are any doubts.

For optimum results, we recommend the use of 8-12 mm aggregates. These aggregates must be washed and cleaned.

Temperature during application should remain within the tolerance levels +5 to +30 degrees Celsius.

Screed the **SASSOITALIA** topping and then, using a "Big Blue Bull Trowel", create a smooth surface. Care must be taken not to over trowel. Cure the surface by applying **IDEAL WORK** Curing compound.

The next day, wet cure the **SASSOITALIA** surface to continue the curing process and help reduce the surface temperature. For a perfect curing process in the period 48-72 hours from the **SASSOITALIA** placement, we recommend laying a Membrane DPM (or canvas) wet with water.

Due to the high final strength of **SASSOITALIA** we recommend that polishing is commenced 3-4 days after application of the **SASSOITALIA** topping. Delaying this process any longer makes the concrete much harder to polish and can extend the process

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times. After 3 days, complete the heavy grinding and grout the pin holes. Leave for a further minimum of 3 more days before polishing.

When polishing is complete, apply **IDEAL HARD PLUS** liquid surface densifier. This should be allowed to dry for at least 24 hours before application of the protective sealer **IDEAL FX ECO**.

It is now possible to use a high speed buffer with Twister Pads for the final polish.

Further information on all the materials and their use is available on the website www.idealwork.it and all specialist tools and materials (with the exception of local cements and aggregates if required) are available through the **IDEAL WORK**

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