

# Technical Data Sheet

## Statop™ Coloured Surface Hardener



<b>Product</b>	Statop™ Coloured surface hardener is a pre-mixed ready to use product. This product has a complete blend of highest quality selected pigments and formulated powders that when blended gives a far superior result than integral colouring.
<b>Usage</b>	Mostly for the application of Slate Pave and KotaCrete™ Suitable also for the application of Finta Brick™ and wherever there is a need for coloured concrete.
<b>Advantages</b>	<b>Statop Coloured surface hardener over integral colouring:</b> The colour can be made intense, without excessive use of oxide because it's concentrated on the surface Hardens the surface, therefore adds Wear & UV Resistance.  The surfaces tend to be less porous than concrete, that use the integral method because surface density is increased by the topping and finishing techniques used.
<b>Coverage</b>	Approximately per 20 kg bag Slate Pave: 10 /15 sq mtrs Kotcrete™ Spray-on: 8/10 sq mtrs Finta Brick™: 8/10 sq mtrs. Pastel colours require more per sq metre.
<b>Curing</b>	Once Sealed: Full curing is not achieved up to 7 days at ambient temperature 15 to 28°C. Avoid parking cars on new sealed surfaces until full curing is achieved. Foot traffic following day.
<b>Package</b>	Ready to use 20kg moisture resistant bag. Available in an extensive range of colours.
<b>Storage</b>	<ul style="list-style-type: none"><li>• Store out of direct sunlight.</li><li>• Keep dry and well protected.</li><li>• Avoid wet, damp or humid conditions.</li></ul>
<b>Shelf Life</b>	Approximately 9 months, providing stored correctly and unopened.
<b>Handling</b>	<ul style="list-style-type: none"><li>• Manual handling without due care could result in personal injury.</li><li>• Avoid contact with skin and eyes.</li><li>• Wear suitable protective equipment.</li></ul>
<b>Properties</b>	Appearance: Various Coloured powders
<b>Equipment</b>	Not applicable.
<b>Precautions</b>	Prior to application it is advisable to protect walls and structures to avoid possible staining. Ensure all excess contaminations do not enter into waterways, drains or other storm water facilities. DO NOT apply if excess bleed water is present. DO NOT over trowel surface.
<b>Application</b>	Refer to Product Data Sheet for the preferred application.

#### Disclaimer

The information given is based on our knowledge of the health and safety data of this product, at the time of publication and is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any purpose other than that for which it was intended. If clarification or further information is needed to enable appropriate risk assessment, the user should contact Bescon Industries. Responsibility for products sold is subject to our standard terms and conditions sent to customers. No liability whatsoever can be accepted with regard to the handling, processing or use of the product concerned which, in all cases, shall be accordance with the appropriate regulations and / or legislation.

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Independent tested in 1998. All tests carried out at 28 days on Concrete with a Compressive Strength of 25 Mpa. with the following results

### Certified Test Results

When applied to wet concrete

<b>Abrasion Resistance</b>	Up to 9 times greater than the concrete applied to (Abrasion Resistance can be further increased when a Sealer is applied)
<b>Adhesion Strength</b>	No 2416 (AS 1580.408.5-1994) 160 PSI. Demonstrated satisfactory adhesion strength to the concrete samples supplied in accordance with BS8204 Part 3 1993
<b>Colourfastness</b>	No 2417 (AS 1580.481.1.2) No Colour Change after 2000 hours accelerated weathering
<b>Compressive Strength</b>	No 2418 (AS 2073-1977) 86.7 MPa Demonstrated a satisfactory mean compressive strength. The compressive strength value obtained was greater than values published for several similar general purpose cementitious floor coating products in the market, and comparable with some "high strength" products. It is considered the material possesses adequate strength for demanding service environments given proper curing.

### Certified Test Results

When applied to existing concrete

<b>Abrasion Resistance</b>	(Chaplin Abrasion Testing) Complying with BS8204 1987 Part 2 Up to 30 times greater than the concrete applied to when using Allbond™ as the bonding agent.
<b>Adhesion Strength</b>	No 2233 (AS 1580.408.5-1994) 188 PSI Demonstrated satisfactory adhesion strength to the concrete samples supplied in accordance with BS8204 Part 3 1993
<b>Colourfastness</b>	No 2231(AS 1580.481.1.2) No Colour Change after 2000 hours accelerated weathering
<b>Compressive Strength</b>	(AS 2073-1977) 84.6 Mpa The Mpa is greater than the above test result when using Allbond as the bonding agent.
<b>Friction Resistance</b>	No 2091 (AS 1141.42) 71.4 PAFV Demonstrated satisfactory friction values in accordance with AS 3661.1.1993 and BS8204 Part 3: 1993