



# Technical Data Sheet



## Statop® Coloured surface hardener topping

<b>Product</b>	<b>Statop®</b> Coloured surface hardener topping is Multipurpose pre-mixed, and ready to use. This product is a complete blend of highest quality pigments and formulated powders that when blended gives a superior result than integral colouring.
<b>Usage</b>	Used to colour and harden the surface of the concrete. Has a variety of uses, such as <b>Slatetex™ Slate Impression Paving</b> , <b>Stentex™ Stencil Paving</b> and <b>Spraytex™ Concrete resurfacing</b> applications. Ideal for heavy traffic areas, colouring plain concrete, resurfacing concrete and masonry surfaces. Anti slip finishes, Kerbs, Garden Strips, artificial rocks, rendering and patch ups.
<b>Advantages</b>	Statop® over integral colouring: 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 surface tends to be less porous than concrete, that use the integral method because surface density is increased by the topping and finishing techniques.
<b>Application</b>	Ensure walls, and surrounding areas are covered to avoid the risk of staining. Once concrete is at it's plastic state with a minimum of bleed water on the surface commence with the preferred application. <b>Note:</b> to avoid colour variation do NOT over trowel the surface. <b>Slatetex™</b> Apply Statop® evenly over the surface using the broadcast method, apply contrast colours and trowel into the surface. Apply release agent then proceed with the imprinting of mats. <b>Stentex™</b> Place stencil down, then apply Statop® evenly over the surface using the broadcast method. Then finish with the desired finish. <b>Broom finish:</b> use a steel trowel then a broom <b>Scratch Coat finish:</b> once concrete is dry enough to walk on, use a poly trowel or wood float to finish. <b>Spraytex™</b> Refer to relevant Technical Data Sheet.
<b>Sealing</b>	On completion of Slatetex™ and Stentex™ it is advisable to apply 2 coats of Staseal® Premium Clear to enhance the colour and protect the surface. For Spraytex™ use Staseal® ST Concrete Sealer.
<b>Curing</b>	Once Sealed: Full curing is not achieved up to 7 days. Avoid parking cars on new sealed surfaces until full curing is achieved. Foot traffic following day.
<b>Coverage</b>	Approximately per 20 kg bag Slatetex™ 10 /15 sq mtrs Spraytex™ 8/10 sq mtrs Stentex™ 8/10 sq mtrs. Pastel colours require more per sq metre.
<b>Package</b>	20kg bag Ready to use, available in an extensive range of colours
<b>Storage</b>	Store in a well protected dry area, avoid wet, damp or humid area
<b>Shelf life</b>	Approximately 12 months, providing stored correctly and unopened
<b>Handling</b>	Avoid contact with skin and eyes, wear gloves and eye protection. Avoid breathing dust, wear dust mask
<b>Properties</b>	Appearance: Various Coloured powders
<b>Performance</b>	Independent tested: Test results have exceeded the Australian standards

### Disclaimer: Warranty and Limitation of Liability:

Bescon warrants its products to be free from faults/defects in material and workmanship. Bescon's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at Bescon's option, to either replacement of products not conforming to this Warranty or credit to Buyer's account of the invoiced amount of the nonconforming product/s. Any claim under this Warranty must be made by the Buyer to Bescon in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify Bescon of such non-conformance as required herein shall bar Buyer from recovery under this warranty. Bescon makes no other warranties concerning the product. No other warranties, whether express, implied or statutory, such as warranties of merchantability or fitness for a particular purpose shall apply. In no event shall Bescon be liable for consequential or incidental damages. Any recommendation or suggestion relating to the use of the products made by Bescon, whether in its Technical Data literature, or in response to specific inquiry or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for Buyer to satisfy themselves of the suitability of the products for their own particular use and it shall be deemed that the Buyer has done so, at their sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

### Limitation of Liability:

Bescon's liability on any claim of any kind, including claims based upon Bescon's negligence or strict liability, for any loss or damage arising out of connected with, or resulting from the use of the products, shall in no case exceed the purchase price of the products or part thereof which gives rise to the claim. In no event shall Bescon be liable for consequential or incidental damages.



## Test Results when applied to wet concrete

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

**Abrasion Resistance** Up to 9 times greater than the concrete applied to (Abrasion Resistance can be further increased when a Sealer is applied)

**Adhesion Strength** **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

**Colour fastness** **No 2417 (AS 1580.481.1.2)**  
No Colour Change after 2000 hours accelerated weathering

**Compressive Strength** **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.

## Test Results when applied to existing concrete

**Abrasion Resistance** (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.

**Adhesion Strength** **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

**Colour fastness** **No 2231(AS 1580.481.1.2)**  
No Colour Change after 2000 hours accelerated weathering

**Compressive Strength** **(AS 2073-1977) 84.6 Mpa**  
The MPa is greater than the above test result when using Allbond™ as the bonding agent.

**Friction Resistance** **No 2091 (AS 1141.42) 71.4 PAFV**  
Demonstrated satisfactory friction values in accordance with AS 3661.1.1993 and BS8204 Part 3: 1993