

Technical Data Sheet

Tufftop™ Coloured Surface Hardener



Product	Tufftop™ 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.
Usage	Mostly used for the application of Slate Pave and Finta Brick™ and also wherever there is a need for coloured concrete.
Advantages	Tufftop™ Coloured surface hardener 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 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.
Coverage	Approximately per 20 kg bag Slate Pave:10 /15 sq mtrs for Finta Brick™: 8/10 sq mtrs. Pastel colours require more per square metre.
Curing	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.
Package	Ready to use 20kg moisture resistant bag. Available in a variety of colours.
Storage	<ul style="list-style-type: none">• Store out of direct sunlight.• Keep dry and well protected.• Avoid wet, damp or humid conditions.
Shelf Life	Approximately 9 months, providing stored correctly and unopened.
Handling	<ul style="list-style-type: none">• Manual handling without due care could result in personal injury.• Avoid contact with skin and eyes.• Wear suitable protective equipment.
Properties	Appearance: Various coloured powders
Equipment	Not applicable.
Precautions	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.
Application	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

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

Colourfastness

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

Compressive Strength

No 2418 (AS 2073-1977) 86.7MPa.
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.