

SBR FRICTION COAT

Product codes

TF26, packaging listed overleaf

Description

SBR Friction Coat is a two component product consisting of a Portland cement based powder mix containing a hard irregular aggregate specially selected for resistance to polishing plus a modified styrene butadiene latex gauging liquid. When mixed, the product is easy to apply in thin sections using hand tools or machine laying. SBR Friction Coat is used in thin applications to concrete road surfaces to increase surface friction thus reducing the tendency for vehicles to skid.

The finished surface is aggregated giving a high degree of skid resistance and the thin section required allows large areas to be covered in minimum times. The applied surfacing is freeze-thaw stable with low water absorption and resistance to petroleum products.

Uses include:

- Application to concrete road surfaces at bends, corners and junctions.
- Surfacing of ramps.
- Non-slip surfacing of stair treads.
- Applications where increased friction is required to reduce slippage

Typical Mortar Properties @ 20°C

- Useable Life: Approximately 45 minutes.
- Road Opening: 24 hours in moderate temperatures and dry conditions.

Note: SBR Friction Coat should not be applied at temperatures below 10°C or if rain is expected within 12 hours of application

Specification Outline

Concrete road anti-skid surfacing shall be carried out using SBR Friction Coat as manufactured by Tecroc Products Ltd. The product must be stored, handled and used strictly in accordance with the manufacturer's instructions.

Quality Assurance

Tecroc Products Ltd is a firm of Assessed Capability. The Company's quality system conforms to BS EN ISO 9001:2000 and is assessed by SGS Ltd Systems and Services Certification.

Instructions For Use

Preparation

All contact surfaces must be sound, clean and provide a good mechanical key. For best results light blasting or scabbling is recommended. Remove all loose material, paint and oily deposits.

Priming

No special priming is required. The prepared surface should be thoroughly wetted. Remove any standing water. Apply the SBR Friction Coat before the surface has dried.

Mixing

SBR Friction Coat is supplied as 25kg bag of powder plus 2.5 litres of special styrene butadiene mixing liquid. The total mix for site use is:
 SBR Friction Coat powder: 25kg
 SBR Friction Coat mixing liquid: 2.5 litres
 Water: 2.25 litres approximately for required workability.



Grouts



Structural Support Mortars



Concrete Repair Products



Construction Adhesives



Resin Et Cementitious Anchors



Highway Products



Coatings



Waterproofing



Ground Engineering

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TECHNICAL DATA

Revision Date 01/2008

SBR FRICTION COAT

Instructions For Use

Mixing

Pour the mixing liquid into a suitable mixing vessel. Add the water and gently mix until homogeneous. Slowly add the powder continuously mixing. Mechanical mixing should be used by means of either a slow speed high torque drill with a Mortar Stirrer or a forced action mixer such as Cretangle or Pennine. Mixing should be continued two minutes after all the powder has been added. Adjustments to the consistency can be made at this stage.

Placing

Apply the SBR Friction Coat by pouring sufficient mix onto the prepared dampened work area to produce an overlay with a maximum thickness of 10mm. Work the material over the area with a stiff bristle brush such as a bass broom or a stiff nylon filament brush. Finish the surfacing with a stiff rubber squeegee or a steel float.

Application thickness may range from 3mm to 10mm using 5mm as the nominal target thickness. All tools and equipment should be washed with water. Hardened SBR Friction Coat may only be removed mechanically.

SBR Friction Coat may be applied at temperatures between 10°C and 35°C. For application at temperatures outside this range contact The Technical Service Department.

Curing

Under moderate climatic conditions no special curing is necessary. Newly applied material should be protected from rain and frost.

Precautions

Health and Safety

SBR Friction Coat is alkaline when mixed and should not come into contact with skin or eyes. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs wash thoroughly with clean water. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice.

Full health and safety data is given in Product Safety Data Sheet.

Fire

SBR Friction Coat is non-flammable.

Yield

SBR Friction Coat is packed in 27.5kg combined units, each unit will yield approximately 13.5 litres of mixed material.

Storage and Shelf Life

SBR Friction Coat will have a shelf life of 6 months when kept in dry conditions at a temperature of 5°C to 45°C. Storage at higher temperatures and high humidity may reduce the shelf life.

Packaging and Ordering

SBR Friction Coat is supplied in:

27.5kg Combined Units Product Code TF26

For further information and sales please contact your local Tecroc Products office as listed below.

Tecroc Products Ltd products are guaranteed against defective materials and manufacture. Products are sold subject to the Tecroc Products Ltd Terms and Conditions of Sale, copies of which are forwarded on invoice and are available on request. Tecroc Products Ltd endeavours to ensure that the above data and any further advice is correct, however, it cannot accept any direct or indirect liability for the use of its products as such usage is beyond its control.

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