

High Quality Single Component Rubber Crumb Binder

Description

SUPER FIX is a high-quality MDI based polyurethane pre-polymer for use as rubber crumb binder.

SUPER FIX has a relatively low viscosity and its fast cure speed is ideal for play areas.

SUPER FIX has the following features:

- Excellent Adhesion and Bonding Strength
- Rapid Hardening, depending on Humidity
- Specially developed for Hot Climate
- Meets requirement of BS7188:1988
- Excellent Water Resistance
- Excellent Heat Resistance
- Easy to Apply

Recommended Applications

SUPER FIX has been formulated as a flexible moisture curing binder for in-situ recycled rubber crumb shock pad and EPDM play surface top coats.

Conforms To

- Free of asbestos, lead and mercury compounds

Specification Data

Colour:

Green

Physical form:

Liquid

Specific Gravity (ASTM D 1475-98):

1.00±0.02 kg/ltr

Solids Content (ASTM D 1644-01):

98±2 %

Viscosity:

2800±500 mPa.S

NCO Content:

ca 8 – 9 %

Cure Time:

5 – 7 Hours at 20°C

2 – 3 Hours at 30°C

Application Temperature:

Minus 15°C to 42°C

Relative Application Humidity:

40 – 90 %

Coverage Range (subject to surface condition):

3 - 7 m²/kg.

Refer to application procedure section.

Application:

Brush or Roller

- Surface Preparation:** The surface should be structurally sound, clean, dry, leveled and free from dust, curing compounds, grease and other loose debris.
- Keep container closed when not in use.
- Application Procedure:** **SUPER FIX** and rubber granules must be mixed in the desired ratio (generally 15% -20%). Ensure that volumetric ratio of binder addition is considered as the bulk density of rubber will vary. Rubber granules should be dry in order to stop accelerated cure time and foaming of the binder.
- For adequate mixing, a high torque rotary mixer should be used. Rubber & binder should be mixed for up to 5 -10 minutes ensuring all the rubber is coated.
- The product can then be laid out on a prepared surface and compacted using a hand trowel or weighted roller. Ensure an even compaction of the rubber. A release agent should be used on all tools to avoid adhesion of the binder on the tool.
- Note:** MDI based polyurethanes are subject to color changes when exposed to ultra violet light. This will not affect the mechanical properties of the binder.
- Packaging:** 5 Kg Gallon
- Storage:** 12 months from date of manufacturing in original unopened containers.
- Store product @ (10°C - 30°C) for maximum storage life. Higher temperatures reduce normal storage life. Lower temperatures may cause increased viscosity of a temporary nature. Rotate stock on a "first in-first out" basis.
- Cleaning:** Clean immediately after use with water or white spirit if the material has dried.
- Immediately remove any adhesive from the surface of the floor covering with a damp cloth.
- Health & Safety:** As with all chemicals, caution should always be exercised.
- Consult Material Safety Data Sheet and container label for further information.

For professional use only. Keep out of reach of children.

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