

Flexirocks PRO UV

ALIPHATIC MOISTURE CURE BINDER

Product Description

Flexirocks PRO UV is a 100% solids, aliphatic isocyanate based, moisture cure binder for use in construction of bonded rubber granule type running tracks, athletic and safety surfaces.

Flexirocks PRO UV exhibits reactivity and cure rates similar to those of MDI-based binders, resulting in installation and handling characteristics typical of these systems.

Flexirocks PRO UV exhibits excellent color fastness and exterior durability, allowing the use of light-colored EPDM granules without the objectionable yellowing encountered when using MDI and TDI binders. In addition, Flexirocks PRO UV exhibits improved resistance to deterioration by water and pool chemicals, making it suitable for areas subject to water and chemical immersion.

TYPICAL PROPERTIES	Flexirocks PRO UV
Appearance	Water clear viscous fluid
Density	8.55-8.65 lbs./Gal.
Viscosity	3,000-5,000 cps
% Free NCO	6.0-7.2%
% Solids by Wt.	>99%
PHYSICAL PROPERTIES OF CURED FILMS	
Tensile Strength (ASTM D412)	3,000 +/- 300 psi
Elongation (ASTM D412)	500 +/- 50%
Die C Tear (ASTM D624)	260 +/- 26 pli
Split Tear	55 +/- 5 pli

PROCESSING

Under normal conditions of installation, Flexirocks PRO UV binder for granular rubber athletic surface products provides excellent work life while achieving sufficient cure for secondary processing within normal construction cycles.

Flexirocks PRO UV is designed to cure by reaction with atmospheric moisture. Cure rate is accelerated by high humidity and temperatures and retarded by low humidity and temperatures.

Under conditions of high temperature and low humidity, water misting of the applied surfaces immediately after installation will prevent Flexirocks PRO UV from draining off the granular rubber components.

Flexirocks PRO UV as supplied has a work life suitable for use in safety surfaces under average conditions of temperature and humidity.

CAUTION

Any colored EPDM granule mixture used with Flexirocks PRO UV should be evaluated for color change and reactivity rate before installation. Bromine will discolor all installed PIP surfacing.

SAFETY AND HANDLING

- Consult SDS before handling and observe all recommended safety, handling and disposal recommendations.
- Wear proper protective equipment at all times.
- Flexirocks PRO UV is a primary skin irritant and can cause sensitization dermatitis.
- Avoid contact with skin and eyes. In the event of eye contact, flush eyes thoroughly with water and seek medical attention.
- Open all containers carefully as pressure can build up in new and previously opened containers.
- Protect open containers from moisture.
- Dispose of contaminated materials and empty containers in accordance with Federal, State and Local regulations.

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PACKAGING

Flexirocks PRO UV is available in 55-gallon closed head drums with a net weight of 450 lbs, 5-gallon pails with a net weight of 43 lbs and IBCs with a net weight of 2,200 lbs. Returnable and one-way 250-gallon mini-bulk containers are available on a special order basis.

STORAGE

Flexirocks PRO UV should be stored in cool, dry surroundings. Avoid prolonged storage at temperatures over 90°F or below 50°F. Under conditions of proper storage, the storage life of the product in original, factory sealed containers is 6 months.

IMPORTANT PRODUCT USE NOTICE

The technical data presented here is intended for professional applicators and commercial users. The user is responsible for performing any testing necessary to determine product performance and suitability for the intended application and for following applicable installation and safety procedures.

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