

Flexirocks PRO UV Slow

ALIPHATIC MOISTURE CURE BINDER

Product Description

Flexirocks PRO UV Slow is a slightly faster reacting version of the slower aliphatic binder referenced in the source data sheet. It is designed for installation at moderate temperature and humidity.

Flexirocks PRO UV Slow 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 Slow 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 Slow exhibits excellent color fastness and exterior durability, allowing use of light-colored EPDM granules without the objectionable yellowing encountered when using MDI and TDI binders. It also exhibits improved resistance to deterioration by water and pool chemicals.

TYPICAL PROPERTIES	Flexirocks PRO UV Slow
Appearance	Water clear viscous fluid
Density	8.5-8.7 lbs./Gal.
Viscosity	3,500-4,000 cps
% Free NCO	6.8-7.2%
% 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 Slow 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 Slow 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 Slow from draining off the granular rubber components.

Flexirocks PRO UV Slow 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 Slow 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 and handling procedures.
- Wear proper protective equipment at all times.
- Avoid contact with skin and eyes.
- In the event of eye contact, flush eyes thoroughly with water and seek medical attention.
- Pressure can build up in new and previously opened containers; open all containers carefully.
- 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 Slow is available in 55-gallon closed head drums with a net weight of 450 lbs and 5-gallon pails with a net weight of 43 lbs. Returnable and one-way 250-gallon mini-bulk containers are available on a special order basis.

STORAGE

Flexirocks PRO UV Slow 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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