



EPOXY EFFECTS CO. LTD SLOW SET EPDM BINDER

Product Information

Epoxy Effects Slow Set Binder is a single component moisture curing polyurethane binder. The curing time is approximately 4 to 6 hours at a temperature of 25°C and a relative humidity of 50%.

If used at lower temperatures and humidity the cure time will be considerably extended, so use of ALIPHATIC ACTIVATOR 0613 may be required to shorten cure times.

The product should only be used between the temperatures of 5°C and 25°C. Primarily used for laid in situ bound SBR and EPDM screeded safety surfaces, Epoxy Effects Slow Set Binder exhibits excellent adhesion to most rubber granulates and gives a strong performance in both tensile strength and durability. Epoxy Effects Slow Set Binder is also used in the manufacture of rubber safety tiles, rubber mats and moulded rubber products.

Technical Specification

Colour	Amber
Viscosity (Poise @ 25°C)	30 - 50
NCO Content (%)	7.5 – 11.0
Specific Gravity (@25°C)	1.1
Non Volatiles (%)	92 - 94
Cure Time (Hrs @ 25°C and 50% RH)	4 - 6
Flash Point (°C)	>93
Tensile Strength* (Mpa)	0.6 – 1.0
Elongation* (%)	80 - 120

Packing, Storage & Shelf Life

The product should be stored in dry conditions at a temperature of between 3 and 35°C. Avoid long term storage of partially used containers as contact of atmospheric moisture with the resin will result in skinning of the product. The shelf life of unopened containers stored under the recommended conditions is 12 months.



Resin Addition Rates for Wet Pour	Base Layer	10%
	Wear Layer	20%
Resin Addition For Tile And Mate Manufacture		5% - 25%