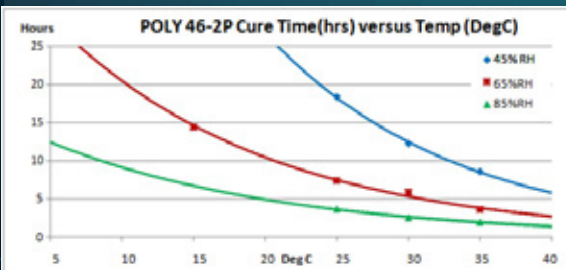
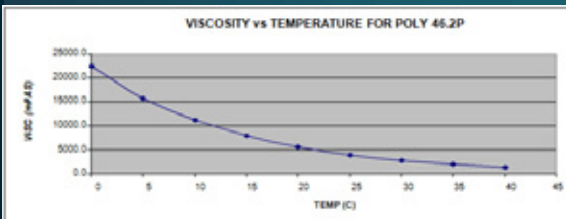


POLY 46-2P Technical Data Sheet

Description and Application

POLY 46-2P 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° and 25°C. Primarily used for laid in situ bound SBR and EPDM screeded safety surfaces, POLY 46-2P exhibits excellent adhesion to most rubber granulates and gives a strong performance in both tensile strength and durability. POLY 46-2P is also used in the manufacture of rubber safety tiles, rubber mats and moulded rubber products.



Overview, Packaging and Storage

POLY 46-2P is supplied in 1090 kg IBCs, 220 kg steel drums and 25 kg plastic kegs. 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 Wear Layer	10% 20%
Resin Addition for Tile and Mat Manufacture		5% - 25%

*Note that during the moisture curing process POLY 46-2P may discolour if exposed to strong UV.

Technical Specification

Colour	Amber
Viscosity (Poise @ 25°)	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

*when cast at 20% with R30S EPDM

Health and Safety Information

For complete health and safety information please refer to the POLY 46-2P SDS




For more information on MRI Polytech flexible flooring systems visit:
www.mri-polytech.com
 or call +44 (0) 1625 575737 to talk to the experts.




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 ISO 9001: 2008 ISO 14001: 2004

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We export globally and our customers have installed our products in every corner of the world. Projects ranging from recreational and commercial, through to industrial flexible flooring solutions.