



PROTECTIVE
POLYMERS

PROTECT POLYURE WALKWAY

Product Description

Protect Polyure is a one component; moisture triggered elastomeric urethane coating specifically developed as a high-performance waterproofing walkway slip resistant system for balconies terraces and other surfaces that require slip resistance. Protect Polyure is to be used with the Polyure aggregates and Polyure Walkway finish Coat

Product Features

Good application characteristics for easy by-hand application. Short cure times allowing product to be over coated quickly. Outstanding waterproofing and slip resistance properties.

Technical Data

Volume Solids 100 %	Finish Sheen	Number of Coats 1 or 2	Packaging 7 and 25 Kg steel pails
Colour Amber	Coverage .5 – .75 Kg/m2 per coat	Viscosity 2000 +- 250 mPa.s	Solvent / Clean Up Thinner no 6
SG Approx. 1 kg/L			Touch-dry 3-4 Hours

Recommended Dry Film Thickness

	Coverage Rate
Range	.5 - .75 Kg/m2
Recommended	.5 Kg/m2

Drying times

Substrate Temperature	Touch Dry	Walk On*	Dry to recoat Minimum	Dry to recoat Maximum	Full Cure
10°c	4-6 Hours	12 Hours	16 Hours	7 days *	7 Days
20°C	2-3 Hours	6 Hours	8 Hours	5 days *	5 Days
30°c	1-2 Hour	4 Hours	6 Hour	2 days *	3 Days

* Walk on times are dependant on air temperature and humidity, substrate temperature and film thickness..

*Surface to be dry and free from contaminants. When maximum recoating time is exceeded, the surface must be abraded before overcoating to ensure intercoat adhesion.



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Surface Preparation

All areas should be clean, dry and free from dirt, dust and grease and any loose friable material removed. ProTect Polyure walkway should not be applied in wet conditions or when rain is imminent. The surface must be free of any visible moisture. Porous surfaces must be sealed with Polyure Sealer before application. Any spalled concrete surfaces must be repaired prior to work commencing.

Cure Speed

The cure speed of ProTect Polyure Walkway can be increased with additions of accelerator B. The maximum addition rate is 2% on top of the ProTect Polyure walkway unit unit weight. At the maximum addition rate the 'walk-on' time for ProTect Polyure will be approximately 4 to 5 hours, depending upon ambient conditions.

Application Conditions

ProTect Polyure Walkway should not be applied in wet conditions or when rain is imminent. The surface must be free of any visible moisture.

Application Equipment



Brush and roller
Thin upto 5% maximum if required.
Only use Polyure Thinners, other thinners may not be suitable

Application

A coat of ProTect Polyure Walk way should be laid at a coverage rate of .5 Kg/m2. While still wet Polyure aggregate should be broadcast into the wet coating. when dry sweep up the excess agregate. Seal the surface with Polyure Walkway Finish at .3 - .4Kg'sm2 to provide a long term slip resitant finish

Clean-up

Clean up immediately after use with Polyure Thinners Discard clean-up material according to local environmental regulations.

Precautions

This product is for use only by professional Applicators in accordance with information in this Technical Data Sheet and the Safety Data Sheet (SDS). Refer to this product's SDS before using this material.

Material Storage

Store all coating materials in a dry place as close to room temperature as possible. Ideal storage temperature should be between 10°C to 27°C. Keep cans sealed and out of direct sun light when not use. Warm up cold material to room temperature before using.

This information is given in good faith for the guidance of users but without warranty or liability. Any queries should be referred to our Technical Department. The above information, based on laboratory tests and practical experience has been proved valid at the date marked on the product data sheet. When necessary verify the validity of the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of the standards ISO 9001. As a manufacturer, we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes. This product is for professional use only.

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