



PROTECTIVE
POLYMERS

INSTASEAL

Product Description

Instaseal is a solvent less hybrid polymer cold applied roof coating, for old bitumen and mineral felt roofing. Instaseal can be applied wet-on-wet, or wet on dry to give total flexibility in application that can be fully reinforced with a fibre glass mesh. It has many advantages over conventional liquid roofing systems as it is isocyanate free and has low solvent emissions.

Product Features

Instaseal is used as flat roof water proofing system that can be applied in cold damp conditions all the year around at temperatures above 0°C. It has excellent adhesion to both mineral and metallic substrates.

Technical Data

Volume Solids 87 %	Finish Eggshell	Packaging 7 & 20 Kg steel pails
Colour Light Grey / Dark Grey	Touch-dry 3-4 Hours	
SG Approx. 1.35 kg/L	Number of Coats 1 or 2	

Recommended Dry Film Thickness

Coverage Rate	
Range	.75 - .1.25 Kg/m2 per coat
Recommended	2.5 Kg/m2 incorporating none woven mesh

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.



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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. Instaseal should not be applied through standing water. Porous surfaces must be sealed with Polyure Sealer before application. Any spalled concrete surfaces must be repaired prior to work commencing. All metal surfaces should be primed with ProTect STC. Concrete must be primed with

Application

Polyure Instaseal should be applied to clean sound surfaces. Cracks in metal seams asphalt and concrete should be repaired with Supperseal bonding adhesive. If more than 8 hours has lapsed Polyure Silane must be used as an adhesion primer before recoating with Polyure Instaseal

Application Conditions

ProTect Polyure Walkway should not be applied when rain is imminent. The surface must be free of any ponding water.

Application Equipment



Brush and roller

Thin up to 5% maximum if required. Only use Polyure Instaseal Thinners, other thinners may not be suitable

Airless spray: The recommended tip pressure at nozzle: 3000-3500 psi Nozzle size: 0.15" - 0.18"

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.

Protective Polymers Ltd. Lydford Road Meadow Lane Industrial Est. Alfreton. DE55 7RQ
www.protectivepolymers.com email: sales@protectivepolymers.com Tel +44(0)1623 441106