

3M™ Scotchkote™ Poly-Tech AW 654

Data Sheet and Application Guide

Product Description

Scotchkote Poly-Tech AW 654 is a solvent based acrylic coating specifically developed to provide emergency waterproofing of roof areas, which can be applied in most weather conditions including falling rain.

Product Features

- Can be applied to most surfaces without use of a primer.
- Outstanding waterproofing properties.
- Can be applied under water.

General Application Steps

1. Remove loosely adhering deposits.
2. Apply Scotchkote Poly-Tech AW 654 to required thickness.

Properties

Property	Value
Colour	White, Light Grey, Mid Grey
Drying & Cure times at 20°C (68°F)	
Touch Dry	4-6 hours
Dry to Foot Traffic	24 hours
Minimum Overcoating	4-6 hours
Maximum Overcoating	Indefinite provided surface is clean
Volume Solids	65%
V.O.C (As Supplied)	323g/litre
Coverage Rate	1.12 m ² /kilo
Performance Data	
Water Vapour Permeability	2.735x10 ⁻⁵ perm.cm (ASTM E96)
Tensile Strength	2.4Mpa (350 psi) (ASTM D412)
Tear Strength	25.9N/mm (60 pli) unreinforced (ASTM D624)
UV Resistance	No loss in properties after 1000 hours exposure (BS3900 - F3)



Application Procedures for 3M™ Scotchkote™ Poly-Tech AW 654

Surface Preparation

Dirt build up, moss and loose material should be removed by scraping or brushing with a stiff bristled brush.

Any cracks and gaps should be raked out to remove dirt build up

Large expanses of standing water should be removed by sweeping, small quantities of water may be allowed to remain without affecting the performance of Scotchkote Poly-Tech AW 654. Any ice present on the surface in cold conditions must be removed. Any oil or grease contamination should be removed by wiping with 3M™ Scotchkote™ Cleaner 020 or a detergent solution.

Product Mixing

The Scotchkote Poly-Tech AW 654 is a single component material and should only require stirring prior to use to incorporate any slight separation.

Application Procedures

Scotchkote Poly-Tech AW 654 should be applied directly to the substrate, no priming is normally required.

Application can be carried out by soft brush, soft broom or squeegee, best results are achieved when the product is stippled into cracks and rough surfaces. Scotchkote Poly-Tech AW 654 can be applied in all weather conditions including falling rain, even in temperatures down to 0°C .

Scotchkote Poly-Tech AW 654 must not be applied over ice.

All equipment must be cleaned IMMEDIATELY after use with Scotchkote Cleaner 020.

Packaging and Storage

Supplied in 5kg and 20kg units.

Use within 2 years of date of manufacture. Store in original sealed containers at temperatures between 5°C and 32°C.

Handling and Safety Precautions

Read all health hazard, precautionary and first aid statements found in the Material Safety Data Sheet, and/or product label prior to handling or use.

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