

3M™ Scotchkote™ WB Urethane Primer AP670

Data Sheet and Application Guide

Product Description

Scotchkote WB Urethane Primer AP670 is a member of the range of Scotchkote waterborne coatings and has been specifically developed as a primer for use on weathered single ply roofing membranes prior to application of 3M™ Scotchkote™ Poly-Tech EC 661/662 waterproofing system.

Product Features

- Excellent adhesion to weathered EPDM Hypalon and PVC based membranes.
- Being water borne it does not present the same handling and application health and safety risks associated with solvent based primers.
- Adhesion - Excellent on correctly prepared surfaces.

General Application Steps

1. Ensure membrane surface is clean, dry and free from contamination.
2. Apply Scotchkote WB Urethane Primer AP670 at the specified thickness.
3. Allow to cure.
4. Visually inspect the coating for defects.
5. Repair all defects.

Properties

Property	Value
Colour	White.
Ratio	6:1 By volume
Drying & Cure times at 20°C (68°F)	
Usable Life	1½ hours
Touch Dry	1 hour
Hard Dry	16 hours
Overcoating Minimum Maximum	2 hours 7 days
Full Cure	7 days
Volume Solids	42%
V.O.C (As Supplied)	77g/litre
Note: Thinning for spray application will reduce the applied V.O.C	
Film Thickness (Typical)	Wet 70 microns. Dry 30 microns
Theoretical Coverage Rate	14sq metres per litre at 30 microns dft.



Application Procedures for 3M™ Scotchkote™ WB Urethane Primer AP670

Surface Preparation

All surfaces should be swept free of all obvious dirt and other loose contamination, prior to cleaning with detergent solution in water then rinsed.

Application Procedures

Mixing

The product is a two component water based product, both components must be mixed together prior to use.

The Part A component should be stirred.

The Part B component should be slowly added whilst continuing stirring until a uniform homogeneous mix is obtained.

The mixed material must be used within 1½ hours of mixing at 20°C (68°F)

Application

Application should not be carried out when relative humidity exceeds 85% or when surface to be coated is less than 3°C above the dew point. The minimum temperature for application is 5°C.

The product can be applied by brush or roller.

Brush - Good quality brushes should be used.

Roller - Short pile mohair rollers are the preferred equipment for this application method. The product should be spread evenly with regular checks made to ensure the correct uniform wet film thickness is achieved, excessive thickness must be avoided.

All equipment must be cleaned IMMEDIATELY after use with clean water.

Packaging and Storage

Supplied in 7 litre packs.

Use within 2 years of date of manufacture. Store in original sealed containers at temperatures between 5°C and 30°C. Protect from frost during storage and use.

Handling and Safety Precautions

Read all Health Hazard, Precautionary and First Aid, Material Safety Data Sheet, and/or product label prior to handling or use.

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