

# 3M™ Scotchkote™ Urethane Primer FB 856

## Data Sheet and Application Guide

### Product Description

Scotchkote Urethane Primer FB 856 has been specifically developed as a primer/sealer for porous mineral, timber and asphalt surfaces used on floors and roofs.

### Product Features

- Combines good application characteristics with fast drying capabilities.
- Designed for use prior to application of Scotchkote urethane finishes.
- Suitable for brush and roller application.

### General Application Steps

1. Remove surface contamination, including laitance on concrete, abrade wooden surfaces.
2. Apply Scotchkote Urethane Primer FB856.
3. Allow to cure.
4. Inspect the coating for defects.
5. Repair all defects.

### Properties

Property	Value
Colour	Clear
<b>Drying &amp; Cure times at 20°C (68°F)</b>	
Touch Dry	2 hours
Minimum Overcoating	2 hrs - with solvent based floor coating products 4 hrs - with solvent free products
Maximum Overcoating	24 hrs- with solvent based products 16 hrs - with solvent free products 7 days with 3M™ Scotchkote™ Poly-Tech EC 661
Volume Solids	65%
Specific Gravity	1.06
V.O.C (As Supplied)	312g/ltr
Film Thickness	115 microns wet, 75 microns dry.
Theoretical Coverage Rate	8.6 sq metres per litre at 75 microns dft.



# Application Procedures for 3M™ Scotchkote™ Urethane Primer FB 856

## Surface Preparation

All surfaces should be clean, dry and free from contaminants.

**Wood:** Surfaces should be sanded with a fine paper to remove any loose fibrous material. The resulting dust and abrasive residue should be completely removed by vacuum cleaner.

**New Concrete:** Surfaces should be lightly abrasive blast cleaned, scarified or mechanically abraded to remove laitance. Resultant dust and debris should be removed by sweeping or vacuum cleaning.

**Existing Concrete:** Surfaces should be high pressure detergent washed to remove all dirt, oil and grease. Heavy oil contamination may require sweating and burning out. Existing coatings should be removed by abrasive blasting or scarifying. All dust and resulting debris should be removed by sweeping or vacuum cleaning.

Prior to coating, the concrete should be dry and the moisture content should be checked using a proprietary surface moisture indicator such as an Elcometer 7420 Digital Moisture Meter. When tested in accordance with the manufacturers instructions the reading should be classified as 'dry'.

**Porous Asphalt:** Surfaces should be lightly abraded.

**Asbestos Cement:** Surfaces should be swept with a stiff bristled brush or power washed to remove contamination and all loose fibrous material with waste material disposed of in accordance with local regulations.

## Application Procedures

The product is a single component material and should only require stirring prior to use to incorporate any slight separation.

Application should not be carried out at temperatures below 5°C nor when relative humidity exceeds 85% or when the surface to be coated is less than 3°C above the dew point.

The product is supplied ready for use for brush or roller application in which lambs wool rollers are the preferred equipment for this application method. Scotchkote Urethane Primer FB 856 should be spread evenly and periodic thickness checks should be made to ensure the correct uniform thickness is achieved.

All equipment must be cleaned IMMEDIATELY after use with 3M™ Scotchkote™ Thinner PU71.

## Packaging and Storage

Supplied in 5 and 25 litre 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.

## Ordering Information/Customer Service

For ordering, technical and product information or to request a copy of the Material Safety Data Sheet, call +44 (0)1609 780170 or fax +44 (0)1609 783762 (Sales) or 788718 (Technical).

For emergencies, please contact +44 (0)1344 858000.

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## Important Notice

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## Warranty; Limited Remedy; Limited Liability.

3M warrants that the 3M™ Scotchkote™ Product will conform to 3M published specifications upon shipment. If the product is proven not to have met the specifications your exclusive remedy within 12 months of sale by 3M of the product and 3M's sole obligation will be, at 3M's option, to replace the Product or to refund the purchase price of the Product. Except where prohibited by law, this warranty is made in lieu of all other warranties, express or implied, including, but not limited to, any implied warranty of suitability or fitness for a particular purpose, or those arising from a course of dealing, custom or usage or trade.

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