

# 3M™ Scotchkote™ Urethane Floor Sealer TPL 868

## Data Sheet and Application Guide

### Product Description

Scotchkote Urethane Floor Sealer TPL 868 is a high performance waterbased coating designed for use as a clear protection system for wooden floors.

### Product Features

- Combines good application characteristics with good speed of drying.
- Does not change the natural appearance of surfaces.
- Suitable for use by brush or roller.

### General Application Steps

1. Ensure surface is dry and free from loose material.
2. Apply Scotchkote urethane Floor Sealer TPL 868 as required.
3. Allow to cure.

### Properties

Property	Value
Colour	Clear
Ratio	10:1 By volume
<b>Drying &amp; Cure times at 20°C (68°F)</b>	
Usable Life	5 hours
Touch Dry	30-40 mins
Hard Dry for sanding	3-4 hours
Minimum Overcoating	3 hours
Maximum Overcoating	24 hours
Full Cure	4 days
Volume Solids	34%
V.O.C (As Supplied)	165g/litre
Abrasion Resistance	18mgm weight loss per 1000 cycles
Theoretical Coverage Rate	10m <sup>2</sup> /litre @ 34 microns dft

# Application Procedures for 3M™ Scotchkote™ Urethane Floor Sealer TPL868

## Surface Preparation

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

**New 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.

**Existing Coatings:** Where the floor only requires recoating, the existing coating should be examined for adhesion and integrity.

Any areas of loosely adhered coating must be removed back to a sound edge. Surfaces should then be thoroughly detergent cleaned to remove all wax and grease deposits then thoroughly abraded using a rotary scrubber fitted with a 240 grade abrasive paper pad. All resultant dust and debris must be removed by vacuum cleaning.

Where a floor requires complete coating renewal, all existing coating should be stripped back to the original substrate, then the surface should be abraded with all resulting dust and debris removed by vacuum cleaning then treated as for a new floor.

When steam cleaning process is used to strip wax and polish, the surface must be allowed to dry before any coating is applied.

## Application Procedures

### Mixing

Scotchkote Urethane Floor Sealer TPL868. is a two component material which requires mixing prior to use. The Part A (Base) should be thoroughly shaken, then the Part B (Activator) should be added and mixed again by vigorous shaking.

A complete unit should be mixed. The colour changes into a uniform white when mixing is complete, however on drying the material becomes clear. The mixed product must be used within 5 hours of mixing.

### 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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## Application

Scotchkote Urethane Floor Sealer TPL868. can be applied by brush or roller.

For roller application good quality lambswool rollers should be used. Scotchkote Urethane Floor Sealer TPL868 should be applied to give a uniform film thickness avoiding excessive coating build up and areas of ponding. For application to correctly prepared existing coated surfaces a minimum of two coats is recommended.

When applied to new or uncoated timber surfaces a minimum of three coats should be applied. The first coat should be allowed to become hard dry, then the surface lightly abraded to remove raised timber grain. The resulting abrasive dust should then be removed by vacuum or wiping with a dust mop.

3-4 hours should be allowed between coats depending on drying. This overcoating time will be extended in cold humid conditions or where there is little or no air movement.

**NOTE:** In the wet state Scotchkote Urethane Floor Sealer TPL868 has a white appearance, but on drying a perfectly clear film results. All equipment should be cleaned IMMEDIATELY after use with clean water.

**Packaging and Storage** Supplied in 5 litre packs

Use within 12 months of date of manufacture. Store in original sealed containers at temperatures between 5°C (40°F) and 30°C (86°F). Protect from frost during storage and use.

## Ordering Information/Customer Service

For ordering, technical and product information or to request a copy of the Material Safety Data Sheet,

**01462 421 333**

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