

# 3M™ Scotchkote™ Roof Detailing Compound SDR 655

## Data Sheet and Application Guide

### Product Description

Scotchkote Roof Detailing Compound SDR 655 is a two component elastomeric solvent based urethane specifically developed as a high performance coating to reinforce areas subject to movement prior to the application of some Scotchkote roofing systems.

### Product Features

- Combines good application characteristics with fast drying capabilities.
- Can provide a system capable of 25 years protection when used in conjunction with 3M™ Scotchkote™ Urethane Roof Coating SD650.

### General Application Steps

1. Remove loosely adhering deposits.
2. Apply the appropriate primer and allow to dry.
3. Treat all joints and seams with 3M™ 1900 Duct Tape then Scotchkote Urethane Roof Detailing Compound SDR 655.
4. Apply appropriate roofing system

### Properties

Property	Value
Colour	Dark Grey
Ratio	1:1 By volume
<b>Drying &amp; Cure times at 20°C (68°F)</b>	
Usable Life	1 hour
Touch Dry/Waterproof	1 hour
Hard Dry	2 hours
Minimum Overcoating	2 hours
Maximum Overcoating	Indefinite provided surface is clean
Weight Solids	91%
Volume Solids	88%
V.O.C (As Supplied)	100g/litre
Coverage Rate	0.1 litre per linear metre of tape (13cm wide)



# Application Procedures for 3M™ Scotchkote™ Roof Detailing Compound SDR 655

## Surface Preparation

The Scotchkote Roof Detailing Compound SDR 655 system should only be applied to structurally sound roof areas. On flat roofs which have been dressed with large or medium size chippings, these must be removed prior to application. A mechanical flail should be used to remove the chippings and then the area swept down to remove all loose dirt and dust. On asphalt roofs, blisters should be cut out and the void filled with polymer concrete screed. On felt roofs, severe blisters should be cut open and bonded flat.

Any areas of moss or lichen growth should be treated with a proprietary fungicidal wash in accordance with the manufacturer's instructions.

Any surface to be protected must be clean, dry and firm, and this is especially important with metallic, glass or plastic surfaces.

Any areas subject to movement (such as cracks, joints, overlaps, seams, poor fitting flashings or valley gutter joints etc) it is advisable to apply 3M™ 1900 Duct Tape over these areas. The tape should be laid over the joint and pressed firmly onto the surface, ensuring the edges of the tape are firmly adhered. These areas should be stripe coated with 3M™ Scotchkote™ Roof Detailing Compound SDR 655. The 'stripe coat' should overlap the tape by approximately 25mm.

## Application Procedures

### Priming

**Asphalt and Mineral Dressed Felt Surfaces:** Primer not normally required.

**Wood, Porous Concrete and Asbestos Surfaces:** Surfaces should be primed with 3M™ Scotchkote™ Urethane Primer FB 856. Detailed application procedures are given on the data sheet.

**Previously Painted Surfaces:** Surfaces should be primed with 3M™ Scotchkote™ WB Epoxy Primer GP830. Detailed application procedures are given on the product data sheet.

**Copper and Ferrous Metal Surfaces:** Clean metal surfaces should be primed with 3M™ Scotchkote™ Epoxy Primer MC 135. Badly pitted & corroded metal should have all corrosion products removed prior to priming with 3M™ Scotchkote™ Urethane Aluminium Primer MCU 125.

### Mixing

The product is a two component material comprising Part A (Base) component and Part B (Activator) component which must be mixed together prior to use.

The entire contents of the Part B (Activator) should be added to the Part A (Base) container and mixed thoroughly until a uniform colour is achieved. Care should be taken to ensure that no unmixed material remains around the edges and bottom of the container. The mixed product must be used within 1 hour of mixing at 20°C.

## Applying the System

Scotchkote Roof Detailing Compound SDR 655 should not be applied when rain is falling or when rain is imminent, surfaces must be free of visible moisture.

The Scotchkote Roof Detailing Compound SDR 655 is formulated with contrasting Part A (Base) and Part B (Activator) colours to enable the user to clearly identify when the product has been mixed thoroughly. The minimum overcoating interval for the 3M Scotchkote Urethane Roof Detailing Compound SDR655 will depend upon the roof temperature and drying conditions but is typically 2 hours @20°C. Provided the surface is clean there is no maximum overcoating time.

## Packaging and Storage

Supplied in 1 litre Part A and 1 litre Part B as a 2 litre pack.

Use within 12 months 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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## 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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