

3M™ Scotchkote™ Acrylic Wall Coating SC 815



Data Sheet and Application Guide

Product Description

Scotchkote Acrylic Wall Coating SC 815 has been specifically developed as an easy clean cosmetic finish for internal wall surfaces.

Product Features

- Combines good application characteristics with fast drying capabilities.
- Can be applied to most surfaces without the need for a primer.
- Designed for use in internal situations.
- Provides a low sheen easy clean finish.

General Application Steps

1. Remove loosely adhering deposits.
2. Apply Scotchkote Acrylic Wall Coating SC 815 to the required film thickness
3. Allow to cure.
4. Inspect the coating for defects.
5. Repair all defects.

Properties

Property	Value
Colour	White and BS4800 08B15
Drying & Cure times at 20°C (68°F)	
Touch Dry	30 mins
Hard Dry to handle	2 hours approx
Full Cure	2 days
Minimum Overcoating	1 hour
Maximum Overcoating	4 days
Volume Solids	35%
Specific Gravity	1.18
V.O.C (As Supplied)	68g/ltr
Film Thickness	100 microns wet, 35 microns dry.
Theoretical Coverage Rate	10 sq metres per litre at 35 microns dft.
Performance Data	
Abrasion Resistance	60mgm weight loss per 500 cycles - 1kg load - CS10 wheel (ASTM D4060)
Impact Resistance	No failure (0.9kg (1.98lbs) load dropped 45cm (18 inches)) (BS 2782 Part 3)
Direct Pull Adhesion	35kg.cm ² (500 psi) - concrete (Concrete Failure) (ASTM D4541)
Pencil Hardness	HB (ASTM D3363)
UV Resistance	500 hours QUV-B no loss of gloss, no colour change (ASTM G53)

Application Procedures for 3M™ Scotchkote™ Acrylic Wall Coating SC815

Surface Preparation

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

Existing coatings: provided the coatings are firmly adherent to the substrate then light abrasion of the surface will be sufficient. Where the coating has only loose adhesion, then these areas should be chipped clean and abraded to a sound edge.

Porous Cementitious Surfaces: should be primed with 3M™ Scotchkote™ Acrylic Sealer BS 848 in accordance with the product data sheet.

Tiles: Tiled surfaces should first be primed with 3M™ Scotchkote™ WB Epoxy Primer GP 830 in accordance with the product Tech sheet.

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 by brush or roller application in which medium to short pile rollers are the preferred equipment for this application method. Scotchkote Acrylic Wall Coating SC 815 should be spread evenly and periodic thickness checks should be made to ensure the correct uniform thickness is achieved.

For brush application good quality brushes should be used with even brush strokes. Scotchkote Acrylic Wall Coating SC 815 should not be over brushed which may lead to lower than specified coating thicknesses.

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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All equipment must be cleaned IMMEDIATELY after use with clean water. Stubborn deposits can be removed using 3M™ Scotchkote™ Cleaner 020.

Packaging and Storage

Supplied in 5 and 20 litre units.

Use within 12 months of date of manufacture. Store in original sealed containers at temperatures between 5°C and 32°C.

ALWAYS 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, call **+44 (0)1462 421333**

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