

3M™ Scotchkote™ Epoxy Filler KB 018

Product Description

Scotchkote Epoxy Filler KB 018 is a specifically developed filler/stopper for use on metallic fabrications where joints and cracks require a more workable filler with extended pot life.

Product Features

- Combines good application characteristics with good sanding properties.
- Designed for application by trowel or spatula at thicknesses upto 12mm.
- Extensively used within the rail industry on rolling stock exteriors.
- Excellent adhesion to correctly prepared metal surfaces.

General Application Steps

1. Remove oil, grease and loosely adhering deposits.
2. Abrade by appropriate means to create a coarse profile.
3. Apply Scotchkote Epoxy Filler KB 018 to the required thickness.
4. Allow to cure.
5. Visually inspect the system for defects.
6. Repair any defects.
7. Carry out sanding as required.

Properties

Property	Value
Colour	Light Grey
Ratio	2:1 By volume
Drying & Cure times at 20°C (68°F)	
Useable life	60 mins
Hard Dry for sanding	4 hours
Full Mechanical Cure	3 days
Volume Solids	100%
V.O.C	Nil
Film Thickness	Upto 12mm.
Volume Capacity	540cc (33 cu ins) per kilo
Coverage Rate	0.302/kg at 1.5mm



Application Procedures for 3M™ Scotchkote™ Epoxy Filler KB 018

Surface Preparation

All areas to be filled must be free from grease, dust, dirt or moisture.

Grease contamination must be removed with 3M™ Scotchkote™ Thinners SA65. Dust and dirt should be removed by scrapers, wire brushes and soft brushes.

Product Mixing

Scotchkote Epoxy Filler KB 018 is a two component solvent free material comprising Part A (Base) and Part B (Activator) components which must be mixed together prior to use. Measure 2 volumes of Part A (Base) component and 1 volume Part B (Activator) component onto a clean mixing board or other suitable surface. The two components should then be thoroughly mixed until completely streak free.

The mixed material should be used within 25 minutes of mixing at 20°C (68°F). This time will be reduced at higher temperatures and extended at lower temperatures.

Application Procedures

The mixed material should be worked well into the surface with a filling or stopping knife. Where cavities are more than 12.5mm (1/2") deep, two or more applications may be necessary.

Scotchkote Epoxy Filler KB 018 can be sanded down after a minimum of 4 hours cure to produce a smooth surface for subsequent painting.

Packaging and Storage

Supplied in 3 kilo packs

Use within 5 years of date of manufacture. Store in original sealed containers at temperatures between 5°C and 30°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.

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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.