



## 3M™ Scotchkote™ Rapid Setting Polymeric Lining 169

3M™ Scotchkote™ Rapid Setting Polymeric Lining 169 Coating has been specifically developed to rehabilitate potable water pipe infrastructure to extend service life and improve water quality.

The rapid cure characteristics of the product ensure that return to service procedures can begin 30 minutes after completion of the lining operation.

3M™ Scotchkote™ 169 is the preferred method for rehabilitation of drinking water pipelines by many of the UK's leading water companies. Over 6,213 miles (10,000 km) of distribution and trunk mains have been lined with 3M™ Scotchkote™ 169 since the product was launched in 2000.

- Restores water quality.
- Provides corrosion barrier on inside of pipe.
- 30 minute cure time facilitates same day return to service.
- Rapid setting characteristics minimizes blisters and blow holes associated with slow cure epoxy resin linings.
- Cost effective alternative to slip lining or pipe bursting.
- Restores hydraulic capacity.
- High abrasion resistance.
- High moisture tolerance during application & curing.
- 50 year design life.
- Trunk mains can be relined without installation of rider mains.
- Applicator friendly product.
- Trenchless technology minimizes road traffic disruption.
- Environmental friendly alternative to pipe replacement.



# 3M™ Scotchkote™ Rapid Setting Polymeric Lining 169 Data Sheet

## Product Description

3M™ Scotchkote™ has been specifically designed as an in situ applied, rapid setting lining system for the non-structural rehabilitation of drinking water mains.

The rapid curing characteristics facilitate commencement of return to service procedures 30 minutes after completion of the lining operation.

## Product Features

- Increased customer satisfaction as a result of same day return to service and reduced road traffic disruption.
- Rapid setting characteristics minimize water damage from service connections or valves.
- Highly moisture tolerant during application and curing.
- Yields glossy, tack-free linings.
- Low viscosity minimizes heating requirements for efficient material transfer.

## Physical Constants

Property	Value
Mix Ratio (by volume)	2.5:1
Mix Ratio (by weight)	100:38.8
Gel Time 77°F (25°C)	60 Seconds
Film Set Time	2 Minutes
Cure Time (CCTV Inspection)	10 Minutes
Cure Time (Return to Service)	30 Minutes
Solids Content (by volume)	100%
V.O.C.	Nil

## Material Storage

Store in original sealed containers at temperatures between 32°F and 104°F (0°C and 40°C).

Use within 12 months of Date of Manufacture.

**NB:** Short-term exposure to temperatures below 32°F (0°C) is not deleterious to product quality.

## Packaging

Base and Activator supplied separately in 12 liter units.



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