

3M™ Infrastructure Protection Products
Tank Protection



Long Term Protection Inside & Out

Providing sustainable
economic solutions to
protect your infrastructure



3M™ Scotchkote™ High Performance Coatings have been used worldwide for over fifty years to provide protection to both internals and externals of storage vessels and tanks.

Developed in the R&D facility in Northallerton, the tank coating product portfolio includes coatings specifically designed for the internal lining of tanks and vessels in contact with aggressive chemicals operating at ambient and elevated temperatures, as well as external protection systems that offer a combination of ease of application, long term performance and colour stability, depending on the chosen system.

Secondary containment is also of vital importance – the prevention of leaks enables compliance with current legislation. 3M™ Scotchkote™ Concrete Repair Screeds will help resurface bund area floors, walls and coverings, prior to the application of one of the 3M™ Scotchkote™ Chemical Resistant Coatings.



Benefits of Scotchkote Tank & Bund Linings *

- When applied as a 500 micron, pin hole free coating to correctly prepared substrates, can provide between 5 and 10 years anticipated life - depending on the chemicals and temperatures involved.
- Seamless
- Excellent Adhesion to correctly prepared substrates
- Chemical Resistance
- Abrasion and Erosion Resistance
- Designed for Use in High Temperature and High Pressure Applications
- Show no signs of blistering or cracking in any of the three phases (gas, hydrocarbon and aqueous) following autoclave testing

Benefits of Scotchkote External Tank Coatings *

- Capable of providing up to 25 years protection to first major asset maintenance when applied to correctly prepared steelwork at a thickness of 400 microns.
- High Solids and Water Based technology
- High Build
- Excellent Adhesion
- Colour Stable
- Abrasion and Erosion Resistance
- Application to manually prepared surfaces reduces disruption and time and cost to complete a project
- Developed to provide long term corrosion protection with minimal downtime and disruption during the application procedure when compared to traditional multi coat systems

*dependent on the chosen system



Key 3M™ Scotchkote Products:

	Aviation Fuel & Other Refined Products	Concentrated Mineral Acids	Dilute Mineral Acids & Alkalis, aqueous solutions	Organic Solvents & Other Hydrocarbon Derivatives	Slurries	Sewage	Drinking Water	Raw Water	Ballast Water / Fire Water	Oil	Brewing Liquors	Hot Water / Condensate
Internal linings												
3M™ Scotchkote™ Epoxy Coating 175UC		•	•									
3M™ Scotchkote™ Epoxy Coating 162CR			•		•			•	•	•		
3M™ Scotchkote™ Urethane Coating 165 (S) & BG					•	•		•		•		
3M™ Scotchkote™ Epoxy Coating 175SR				•								
3M™ Scotchkote™ Epoxy Coating 162EP					•	•		•	•	•		
3M™ Scotchkote™ Epoxy Coating 162PWX							•				•	
3M™ Scotchkote™ Epoxy Coating KSIR88		•					•				•	
3M™ Scotchkote™ Epoxy Coating KS16W												•
3M™ Scotchkote™ Epoxy Coating EA4 2217	•											
3M™ Scotchkote™ Epoxy Coating 152LVAS									•			

External coatings	
3M™ Scotchkote™ Epoxy Coating 152LVAS	High solids epoxy coating for long term corrosion protection - 25 year anticipated life*
3M™ Scotchkote™ Epoxy Coating GP 120	High solids solvent based epoxy coating for long term corrosion protection - 5-10 year anticipated life*
3M™ Scotchkote™ Urethane Coating XF 129	Colour & gloss stable solvent based top coat
3M™ Scotchkote™ WB Urethane UV 843	Colour & gloss stable water based top coat
3M™ Scotchkote™ Encapsulation Coating Polynox 136	Single component water based coating, with good colour stability - 10 years anticipated life*

* Dependent on film build and operating environment

Note

For all immersion applications, the substrate should be prepared correctly and in line with 3M Application Guides and Datasheets which are available on request.

The chemical resistance of products will, amongst other factors, be dependent on the temperature and concentration of the cargo being stored. Please use the Chemical Resistance Charts as a guide, and discuss further with your technical contact.

The 3M™ Scotchkote™ Tank Protection Products are part of the coating portfolio designed to help protect Infrastructure.

- Pipe Linings & Coatings
- Bridge Coatings
- Metal Repair Products
- Rubber Repair Products
- Ceramic Enhanced Products
- Steel Coatings

For further information, please contact us on:
e: enquiries.cpp.uk@mmm.com
t: +44 (0) 845 602 8083

Important Notice

All statements, technical information and recommendations are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using the 3M™ Scotchkote™ Product, you must evaluate it and determine if it is suitable for your intended application. Because conditions of product use are outside of 3M control's and vary widely you assume all risks and liability associated with such use. Any product related statements not contained in current 3M publications, or any contrary statements contained in your purchase order, shall have no force or effect unless expressly agreed to in writing by an authorised officer of 3M.

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.**

3M has no obligation under this warranty with respect to any product that has failed due to inadequate or improper storage, handling, surface preparation, application, or maintenance; failure to follow product instructions or recommendations or alteration or damage to the Product caused by accident, neglect, or misuse. **OTHER THAN IN THE CASE OF DEATH OR PERSONAL INJURY CAUSED BY ITS NEGLIGENCE AND EXCEPT WHERE PROHIBITED BY LAW, IN NO EVENT SHALL 3M BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL LOSS OR DAMAGES (INCLUDING LOST PROFITS) ARISING FROM THIS PRODUCT, REGARDLESS OF THE LEGAL THEORY ASSERTED.**



3M

Infrastructure Protection Division 3M United Kingdom plc

23 Standard Way Business Park, Northallerton
North Yorkshire DL6 2XA
United Kingdom
t: +44 (0)800 602 8083
enquiries.cpp.uk@mmm.com
www.3M.co.uk/tanklinings

17194
3M and Scotchkote are trademarks
of 3M Company.
Please recycle. Printed in the UK.
© 3M 2013. All rights reserved.
IsPD – TANKS 7/13

Contact your local supplier