



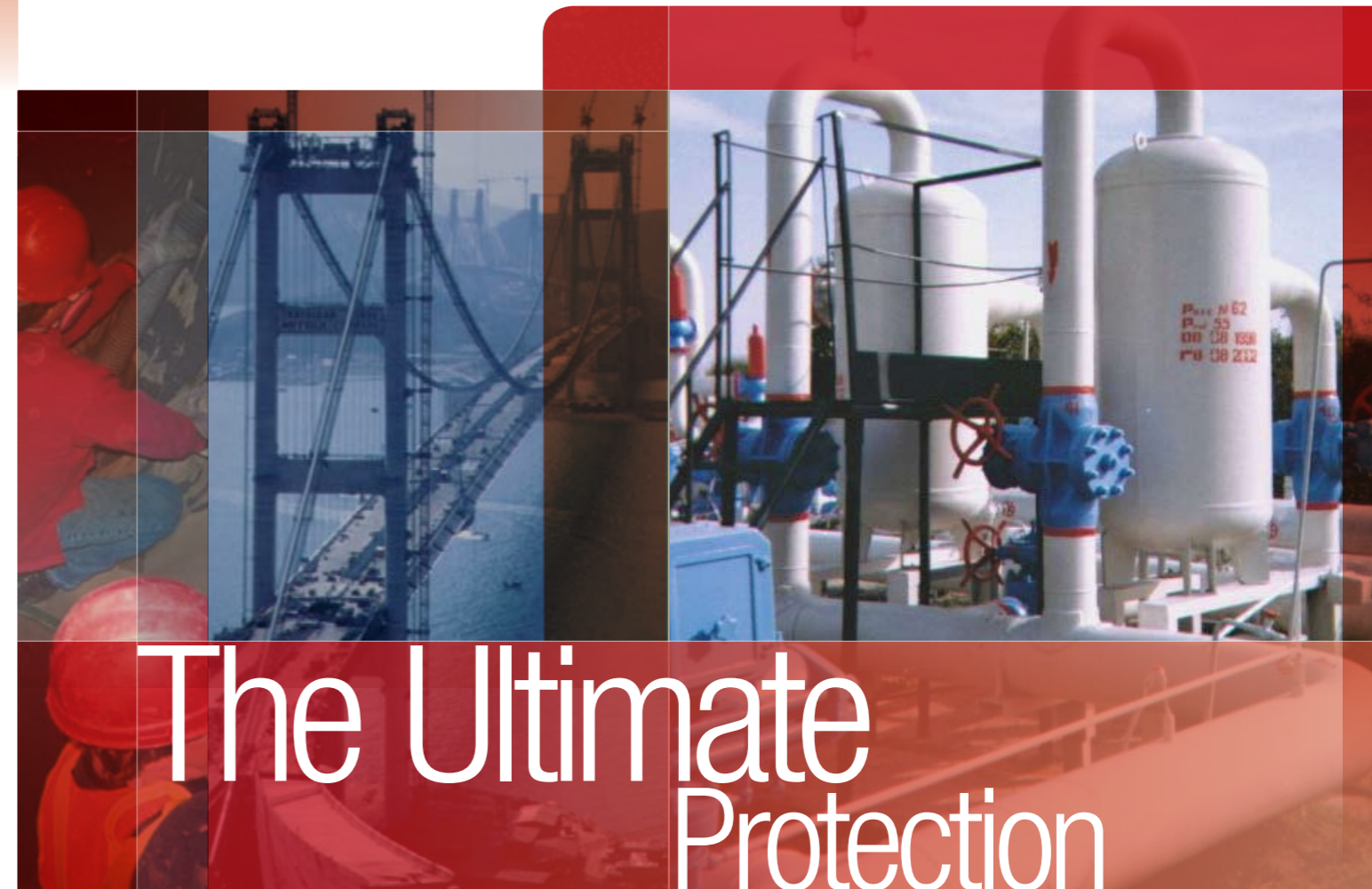
## 3M™ Scotchkote™ Liquid Coatings

The products highlighted in this brochure are just part of the Scotchkote Coatings & Maintenance range.

The full range includes:

- Floor Repair/Resurfacing Systems
- Hygienic Internal Wall Coatings
- External Wall Coatings
- Roof Repair/Resurfacing Systems
- Concrete Repair Systems
- Safety Surfacing Systems
- Anti-Graffiti Coatings
- Fire Protection Systems
- Timber Repair Systems
- Chemical Protection Systems
- Corrosion Protection Systems
- Metal Repair Systems
- Ceramic Repair Systems
- Rubber Repair Systems

3M has achieved an  
international  
reputation  
for innovation



# The Ultimate Protection Against Corrosion & Chemical Attack

Copon™ and Thortex™ have been rebranded to form part of the Scotchkote™ range of products from 3M.



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# Introduction

3M manufactures an extensive range of Corrosion & Chemical protection systems. The product range has been designed to offer a solution to many of the problems faced by Facility Managers, Contractors and End Users.

Many buildings and projects not only require durable and long lasting Corrosion & Chemical protection, but also a need to enhance the operating or working environment of the facility.

3M™ Scotchkote™ Corrosion & Chemical systems on offer enable the user to reduce the life cycle cost of the building, while creating an environment with a greatly enhanced efficiency.

Solutions that reflect the latest advances in water based and solvent free polymer technology.

Solutions that take into consideration the type of surface preparation available and the customer's long term requirements.

Solutions that provide long term protection from a minimum number of coats.

Through 3M's international network of subsidiaries, we are able to offer on the spot advice for any corrosion or chemical problem - without obligation.

3M's goal is to provide our customer with a range of chemical and corrosion resistant products which are at the forefront of polymer technology and which provide outstanding long term protection.

## 3M - Specialists in Corrosion & Chemical Protection

**3M manufactures an extensive range of epoxy & polyurethane coatings. These Chemical & Corrosion solutions are suitable for use in many types of industrial environments.**

**3M™ Scotchkote™ Corrosion & Chemical systems covered in this brochure are ideal for ...**

- Bund areas
- Chemical gullies
- Tanks
- Concrete channels
- Pipework
- Metal structures
- Chemical dykes
- Effluent treatment plants
- Steel structures and decking
- Pipework
- Tanks
- Metal roofs
- Machinery
- Metal walkways
- Storage containers
- Heating and ventilation

The  
Ultimate Protection  
against corrosion  
& chemical attacks



# Corrosion Protection

3M™ Scotchkote™ Corrosion Protection Liquid Coatings have been developed to protect metal surfaces operating in any industrial environment. These versatile products are based on the very latest polymer technology and provide a high degree of protection with the minimum number of coats.



Before



After

This waste air filter suffered extreme corrosion. The external surfaces were coated with 3M™ Scotchkote™ Solvent Based Epoxy Corro-Tech GP 120 - formerly Copon Surtol, a high build one coat steel protection coating, and 3M™ Scotchkote™ Solvent Based Polyurethane Uni-Tech UV 840 - formerly Thortex Uni-Tech UV, a high gloss finish, was used as a top coat to provide anti-corrosion protection.

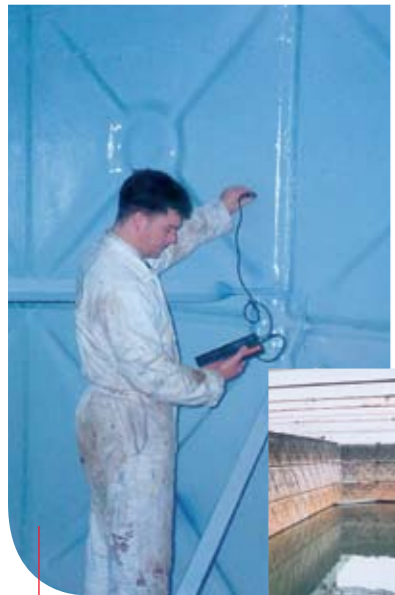
## Key Products:

- 3M™ Scotchkote™ Corro-Tech GP 120 Solvent Based Epoxy formerly Copon Surtol
- 3M™ Scotchkote™ 152LV Solvent Free Epoxy formerly Copon 152LV
- 3M™ Scotchkote™ 152LVAS Solvent Free Epoxy formerly Copon 152LVAS
- 3M™ Scotchkote™ MCU Finish 128 Solvent Based Polyurethane formerly Copon Polycote Aluminium Primer

Kew Rail Bridge lined with 3M™ Scotchkote™ Solvent Free Epoxy 152LV, formerly Copon Hycote 152LV to protect steel surfaces from corrosion.



3M™ Scotchkote™ 152LV Solvent Free Epoxy - formerly Copon Hycote 152LV, a solvent free moisture cured polyurethane finish, was applied to provide anti-corrosion protection



3M™ Scotchkote™ Solvent Based Epoxy Corro-Tech GP 120 - formerly Copon Surtol & 3M™ Scotchkote™ Solvent Based Polyurethane Uni-Tech UV 840 - formerly Thortex Uni-Tech UV.

## Long-term corrosion protection...



Before



After

## 3M has an extensive range of corrosion protection coatings including:

- Multi-purpose coatings
- Anti-corrosive primers
- Specialist encapsulation coatings
- Specialist UV coatings

## 3M™ Scotchkote™ Corrosion Protection Systems provide long term protection to all metal surfaces including:

- Steel structures and decking
- Pipework
- Tanks
- Metal roofs
- Machinery
- Metal walkways
- Storage containers
- Heating and ventilation equipment

## 3M™ Scotchkote™ Corrosion Protection Systems- Protection against all forms of corrosion

- Excellent adhesion to all metals
- Water based and solvent free
- Simple, safe and easy-to-use
- Coatings for blast cleaned or manually prepared surfaces
- Food safe finishes
- Resistant to a wide range of chemicals
- Compatible with a wide range of top coats
- Long term protection



Offshore training rig supports coated with 3M™ Scotchkote™ Solvent Free Epoxy 151UW - formerly Copon Hycote 151E, a corrosion resistant lining for underwater environments.

Braithwaite water tank lined with 3M™ Scotchkote™ Solvent Free Urethane 165PW - formerly Copon 165PW to protect the metal surfaces from corrosion. Approved by the Water Research Council.

# Chemical Protection

3M™ Scotchkote™ Chemical Protection Liquid Coatings protect equipment and surfaces in industrial environments against aggressive chemical attack. They are ideal systems for protection against the ever increasing range of chemicals used in all forms of industrial processes.



Before



After

This Bio Gas digester hole suffered severe chemical attacks. The external surfaces were coated with 3M™ Scotchkote™ Polymer Cement Wall-Tech CWC 423 - formerly Thortex Wall-Tech CWC used to provide a barrier against subsurface water on concrete surfaces. The substrate was primed with 3M™ Scotchkote™ Solvent Free Epoxy Floor Primer Floor-Tech SP Primer 810 - formerly Thortex Floor-Tech SP Primer which offers excellent adhesion to concrete and lined with 3M™ Scotchkote™ Solvent Free Epoxy Chemi-Tech EP 970 - formerly Thortex Chemi-Tech EP, to provide ultimate protection against chemical attacks.



A filter tank for potable water relined with 3M™ Scotchkote™ High Performance Flexible Polyurethane Lining System Chemi-Tech PU 995 - formerly Thortex Chemi-Tech PU, a solvent free, fast curing, and potable water approved coating.



3M™ Scotchkote™ Solvent Free Epoxy Chemi-Tech CR 960 - formerly Thortex Chemi-Tech CR, delivers long-term free corrosion protection for the internal and external metal surfaces of this slurry tank.



The containment area around these chemical tanks protected with 3M™ Scotchkote™ Solvent Free Epoxy 175 - formerly Thortex Chemi-Tech UC which was the only product that would withstand the complex mixture of aggressive chemicals.

## Key Products:

- 3M™ Scotchkote™ Chemi-Tech CR 960 Solvent Free Epoxy Formerly Thortex Chemi-Tech CR
- 3M™ Scotchkote™ Chemi-Tech EP 970 Solvent Free Epoxy Formerly Thortex Chemi-Tech EP
- 3M™ Scotchkote™ Chemi-Tech PU 995 Solvent Free Polyurethane Formerly Thortex Chemi-Tech PU
- 3M™ Scotchkote™ 175 Solvent Free Epoxy Formerly Thortex Chemi-Tech UC...

This sugar tank was lined with 3M™ Scotchkote™ Solvent Free Epoxy 175 - formerly Thortex Chemi-Tech UC, an Ultimate Epoxy Chemical Resistant System.



# Long-term chemical protection...



Before

This Sewage Tanker was in need of urgent protection against chemical attacks. 3M™ Scotchkote™ Solvent Free Epoxy Chemi-Tech CR 960 - formerly Thortex Chemi-Tech CR, designed to protect steel and concrete surfaces, was used to line this tanker offering outstanding protection.



After

## The 3M™ Scotchkote™ Chemical Protection Systems range

- High performance chemical protection coatings
- Potable water approved coatings
- Specialist underwater coatings
- Fast curing flexible lining systems
- High performance tank lining systems

## Ideal protection for all areas where chemicals are present:

- Bund areas
- Chemical gullies
- Tanks
- Concrete channels
- Pipework
- Metal structures
- Chemical dykes
- Effluent treatment plants

## 3M™ Scotchkote™ Chemical Protection Systems - The right choice when performance matters

- Unaffected by most industrial chemicals
- Water based and solvent free
- Suitable for permanent immersion
- Good adhesion to metal or mineral surfaces
- Seamless linings for any surface
- High and low temperature application capability
- Safe, simple and easy-to-use