

3M™ Scotchkote™ Coatings and Maintenance
Corrosion Protection Products



Protection & finishing of Rail Rolling Stock

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

3M

Corrosion Protection Products

- liquid solutions for rail carriage protection



Body Shell Exteriors

3M™ Scotchkote™ EA9WB Primer - waterborne epoxy primer
formerly Copon Hycote EA9WB Primer

Benefits:

- Two component waterborne epoxy primer
- Proven long term corrosion protection
- Very low smoke emission

3M Scotchkote DICOL 170 - waterborne polyurethane finish
formerly Copon Hycote DICOL

Benefits:

- Two component advanced waterborne resin technology
- Excellent mar, chip and impact resistance
- UV stable finish colours
- Solid colours do not require a clear protective sealer
- Excellent reaction to fire performance

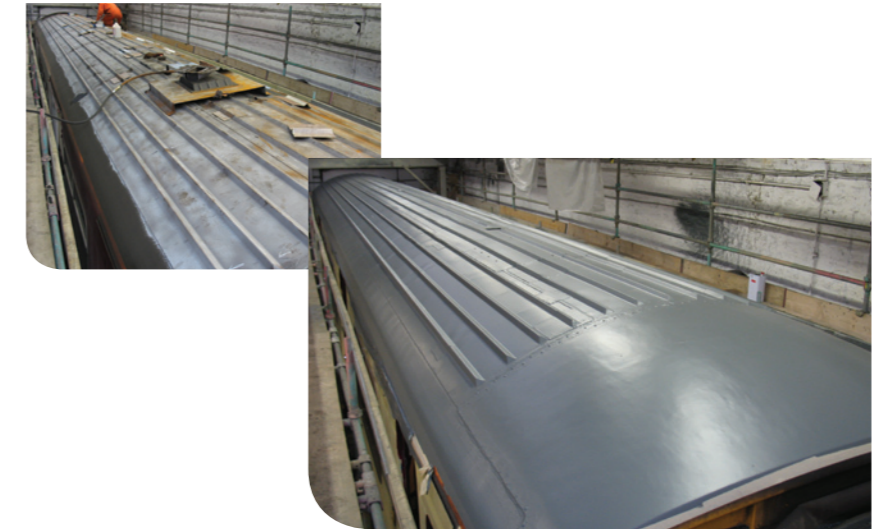


Roofs

3M Scotchkote Polynox 136 - waterborne encapsulation coating
formerly Copon Hycote Polynox

Benefits:

- Single component waterborne elastomeric encapsulation coating
- Long term corrosion protection of bare and previously coated surfaces
- Highly flexible system exhibiting impact and abrasion resistance
- UV stable finish



Interiors

3M Scotchkote PU WB AG 180 - waterborne polyurethane finish
formerly Copon Hycote PU WB AG

Benefits:

- Two component waterborne coating
- Direct application to laminate substrates
- No need for sacrificial clear coat
- Excellent ease of graffiti removal
- Excellent reaction to fire performance data

Suitable for use on:

- Interior Panels
- Doors, Draught Screens and Vestibules
- Seat Backs
- Driver Cabs
- Buffet Cars
- Toilet Cubicles
- Sleeper Compartments

3M Scotchkote Pyrotech LS1000/ LS3000 intumescent coatings for timber substrates
formerly Copon LS1000 / LS3000

Benefits:

- Tested to BS fire standards
- Suitable for timber substrates
- Suitable for internal and external environments

Suitable for use on:

- Timber Floorsets



Below Solebar

3M Scotchkote EA5WB - waterborne primer finish

formerly Copon Hycote EA5WB

3M Scotchkote EA9WB - waterborne primer and finish

formerly Copon Hycote EA9WB

3M Scotchkote 152LVAS - solvent free epoxy

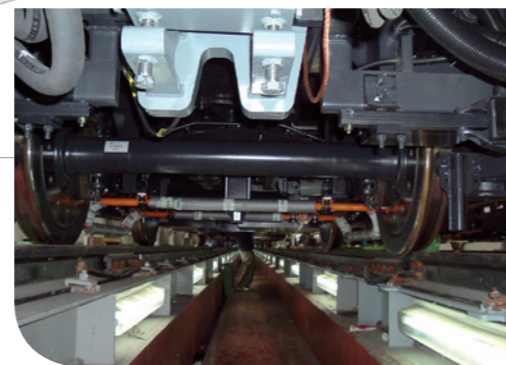
formerly Copon Hycote 152LVAS

Benefits:

- Two component waterborne or solvent free coatings
- Proven long term corrosion protection
- Excellent reaction to fire performance data

Suitable for use on:

- Battery boxes
- Bogies
- Floorpans
- Traction equipment
- Underframes
- Underframe equipment





Over the last thirty years, we have achieved an international reputation in the field of high performance liquid corrosion protection and long term maintenance free coating performance.

Since 1990, an extensive range of waterborne and solvent free coating systems has been developed to provide long term corrosion protection and finishing of rail rolling stock, both passenger and freight, embracing bodyshell protection, external liverying, doors and gangway ends, carriage interiors including vestibules, toilets and drivers' cabs, underframes and underframe equipment, bogies and wheelsets.

3M™ Scotchkote™ high performance wet applied rail coatings offer long lasting protection against corrosion and other aggressive operating conditions whilst ensuring optimum delivery of reaction to fire performance properties and ambience features for the travelling public. In addition 3M™ waterborne and solvent free coatings are safer to store, handle and apply by engineering and maintenance personnel compared to conventional solvent based paint coatings.

Starting with London Underground thirty years ago, 3M has developed a close working relationship with Metro Rail and Light Rail operators and contractors worldwide. All individual coating systems proposed for protecting and finishing rail rolling stock operating underground or in confined locations are designed to offer optimum reaction to fire performance. Operators such as MTRC Hong Kong, DMRC India, Porto Tram, Strasbourg Tram, Milan Tram, Sao Paulo Mass Transit and Docklands Light Rail have all successfully used these waterborne coating systems.

All materials are manufactured under BS EN ISO 9001:2000 and ISO 14001 and we are fully accredited to supply coatings to the Rail Industry through Link Up. All wet applied coating systems are independently tested to support requisite compliance to rail industry engineering performance standards and governmental regulation prevailing in each country.

The 3M Scotchkote liquid protection products complement existing 3M film solutions for the rail industry, as well as 3M ancillary products such as PPE, tapes, adhesives, abrasives, matting and window films, enabling us to offer a total single source package to rail operators, specifiers and to the entire supply chain for both new build and maintenance / up grading contracts..

3M Scotchkote liquid corrosion protection materials can also be used for:

- Building Maintenance
- Concrete Protection
- Fire Protection
- Industrial OEM
- Oil & Gas
- Roofing
- Transport Infrastructure
- Water Services

3M has achieved an
international
reputation
for innovative technology



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