



# REINFORCED CORROSION CONTROL SYSTEMS

**CORROSION PREVENTION FOR STEEL AND CONCRETE SUBSTRATES IN SEVERE CHEMICAL ENVIRONMENTS**

## Typical Applications:

- |                                    |   |
|------------------------------------|---|
| <b>Chemical Processes</b>          | - Tanks, sumps, chiller vessels, pumps, floors, effluent tanks, bunds.      |
| <b>Oil Industry</b>                | - Separators, storage tanks, scrubbers, dearators, pipework, bunds          |
| <b>Transport Industry</b>          | - Road / rail tankers, ship's containers, ballast tanks.                    |
| <b>Power Generation Industry</b>   | - Cooling water systems, chimney stacks, ductwork, scrubbers, sludge tanks. |
| <b>Water &amp; Sewage Industry</b> | - Water treatment, pipeline, pumps, chemical tanks.                         |



Tanks lined with 600 Series lining at effluent treatment plant.



Application of 400 Series glass flake lining to mild steel process vessel.

### Warranted Application:

Warranties can be offered when applied by Denso trained and approved applicators.

## SYSTEM SELECTION GUIDE

System	Description	Method of Application	Applied Thickness (approx)	Designation	Substrate	Temperature limit	
						Immersion	Fumes / Spillage
<b>GLASS FILLED LININGS</b>							
<b>400 Series</b>	Medium duty linings which are reinforced with glass flakes. These systems are suitable in immersion conditions for duties which include severe chemical environments	Spray or Brush	1 mm 2 mm	Lining	Steel	60°C 100°C	90°C 170°C
<b>500 Series</b>	Heavy duty linings which are reinforced with glass flakes. These linings offer the ultimate in chemical resistance within the glass flake range of materials and can operate at temperatures up to 100°C under immersion conditions. These linings may also be used where abrasion and erosion resistance is more critical	Spray or Trowel	2 mm	Lining	Steel	100°C	170°C
<b>FILLED REINFORCED LININGS</b>							
<b>600 Series</b>	Linings which are formulated from resin and glass fibre reinforcement together with a filled base coat. These linings are specifically recommended when a lining with a resin rich top coat is required for maximum chemical resistance.	Trowel and hand lay-up	3 mm - 4 mm	Lining	Steel or Concrete	75°C 60°C	75°C 60°C
<b>700 Series</b>	A silica filled, glass cloth reinforced series of linings designed for heavy duty concrete and flooring protection but can also be used on steel.	Trowel	3 mm - 4 mm	Lining or Flooring	Concrete	75°C	150°C
<b>SPECIALTY COATINGS</b>							
<b>Rigspray</b>	A system, applied in a single coat, which provides long term protection of steel structures subjected to marine environments.	Spray or Brush	0.8 mm	Coating	Steel	60°C	90°C

### Glass Flake Reinforced Systems:

- Outstanding chemical and temperature resistance
- Improved resistance permeation
- Resists undercutting
- Flexible to the deformation point of steel
- Rapid cure

### Laminated Systems:

- Long life, low costs
- Outstanding chemical resistance
- Will bridge live cracks
- Rapid cure

All statements/data presented herein are given in good faith and believed to be appropriate and reliable. However, it is given without express or implied warranty or guarantee. Potential users of our materials are urged to conduct confirmatory trials to satisfy themselves as to the suitability of the selected product for their particular end use, prior to purchase.



Approved Quality Management System  
AS/NZS ISO 9001:2000  
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