

✓ **NO SURFACE PREPARATION REQUIRED**

Unrivalled Surface-Tolerant Coatings for cost effective long-term protection

Denso Steelcoat 50 System comprises specially formulated petrolatum compounds (Denso Void Filler) for pumping hot or cold to fully fill the space between tendons or cables and ducts where it forms a semi-solid paste that encapsulates the cable. Because air, water and pollutants are totally excluded from the area there can be no corrosion. The System is also used for the protection of anchorages.

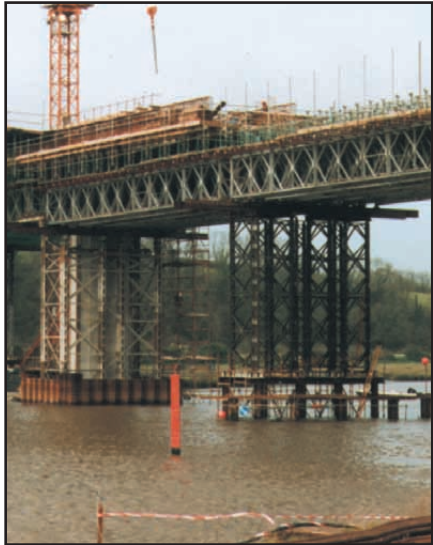
Denso Void Filler was used throughout the construction of the United Kingdoms' prestigious Second Severn Crossing to protect the internal post tensioning steel strands on the bridge piers and deck and the external post tensioning steel strands and stay cables.

Non-cracking, lightweight and allowing the easy removal of the protected tendons for inspection or replacement, the Denso Steelcoat 50 System makes a sensible alternative to traditional cement mortar grout.

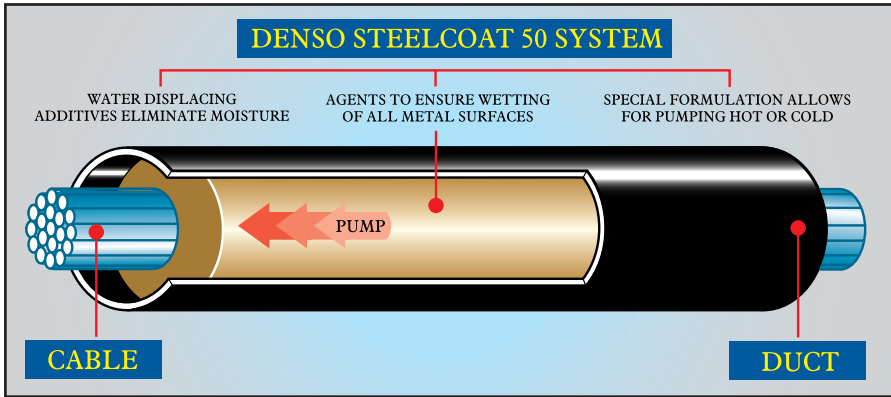
Special pumping equipment and heated storage tanks are available for hire or purchase.



Bridge stay cables.



Bridge post tensioning cables.



- ### Additional Benefits
- Water displacing additives eliminate moisture
 - Special ingredients ensure wetting of all metal surfaces
 - Special Formulation allows for pumping hot or cold
 - Completely fills the void between cable or tendon and its outer sleeve
 - Completely stops corrosion
 - A superior alternative to using cement mortar grout: Steelcoat 50 System...
 - is a third of the weight
 - will not crack under vibration or thermal movement
 - allows easy removal of the cable for inspection, replacement etc



Ground anchorages.

Steelcoat 50 System Component:

Denso Void Filler

Void Filler can be installed from drums, portable heated tanks or heated road tankers.

A technical data sheet will be provided on request for the above component.



Denso Void Filler is easily applied with customised heating/pumping equipment which is available for hire or purchase.



Below:
Second Seven Crossing stay cables -
Denso Void Filler was pumped along the
250m long cables to a height of 100m.



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
Loyds Register - Certificate No. MEL 0927759



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