



STEELCOAT™ PIPEBRIDGE PROTECTION

LONG-TERM COATING SOLUTIONS FOR THE EFFECTIVE PROTECTION OF EXPOSED STEEL PIPEBRIDGES

SUITABLE FOR:
Exposed pipework
Exposed steelwork





THE STEELCOAT 100/400™ SYSTEM FOR PIPEBRIDGE PROTECTION

A COMPLETELY EFFECTIVE SOLUTION FOR
EXPOSED STEEL PIPEWORK AND STRUCTURAL
STEELWORK ON PIPEBRIDGES

- Cold applied
- Surface tolerant
- Highly conformable
- Ideal for badly pitted and rusted steelwork
- Ideal for damp or humid steelwork
- When applied in accordance with the manufacturer's instructions, the system has been shown to provide a service life of up to 30-years.



EXAMPLE OF PIPEBRIDGE COATING BREAKDOWN
REQUIRING MAINTENANCE

The Steelcoat 100/400™ System provides a cost effective, long-term, and easy-to-apply solution for corrosion prevention on pipebridges.

Pipebridges typically consist of steel pipes, with supporting structural steelwork, that span rivers or roads; they can therefore be difficult to maintain due to access problems and environmental issues. With this in mind, Premier Coatings Ltd combined two of their individual corrosion prevention systems, designed to protect exposed steel, into one exemplary system.

The Steelcoat 100/400™ System is now widely specified due to the superior protection it provides by combining the strengths of the Steelcoat 100™ and Steelcoat 400™ system components. It can be applied to either pipework or structural steelwork on the pipebridge, with two variants of the system available for application to either dry or damp/sweating pipework.



PREMTAPE™ LD MASTIC APPLIED TO A
FLANGE (INSET) BEFORE WRAPPING

In addition to the standard system components, a self-supporting, low-density petrolatum mastic is available for filling voids and contouring smooth profiles around awkward shapes. Premtape™ LD Mastic is used to make the wrapping of valves and fittings with corrosion prevention tapes easier.

(Technical data sheets for system components are available upon request.)

COMPONENTS

Premier Steelcoat 100/400(A) System:

Prempaste™

Premtape™ Temperate or Premtape™ Tropical

Premier™ Ultraseal Tape or Premier™ Ultraseal RT

Premier™ Acrylic Topcoat

Premier Steelcoat 100/400(B) System:

Prempaste S105™

Premtape™ Temperate or Premtape™ Tropical

Premier™ Ultraseal Tape or Premier™ Ultraseal RT

Premier™ Acrylic Topcoat

SURFACE PREPARATION

Minimal surface preparation required.

Surfaces must be clean and dry. Remove all loose rust, scale and flaking coatings by hand wire brush.

APPLICATION

Premier Steelcoat 100/400(A) System:

For badly pitted and rusted pipework and structural steelwork.

For pipework, Steelcoat 100/400(A) System comprises Prempaste™ followed by a double wrap (55% overlap) of Premtape™ Temperate (or Premtape™ Tropical) [Fig. A]. The outer Premier™ Ultraseal Tape (or Premier™ Ultraseal RT) is also applied [Fig. B] with a 55% overlap before painting [Fig. C].

For steelwork, the Steelcoat 100/400(A) System is applied as above with both tapes featuring a minimum 55% overlap before painting.

Once applied the fabric backed Premier Ultraseal Tape (or Premier Ultraseal RT) is overpainted with two coats of Premier™ Acrylic Topcoat [Fig. D].

Premier Steelcoat 100/400(B) System:

For damp/sweating pipework surfaces.

As above 'For pipework' with Prempaste S105™ replacing the Prempaste.

EXPECTED SERVICE LIFE

When applied in accordance with the manufacturer's instructions, the system has been shown to provide a service life of up to 30-years.



FIG. A



FIG. B



FIG. C



FIG. D

SYSTEM MID-APPLICATION



SYSTEM MID-APPLICATION



FINISHED APPLICATION



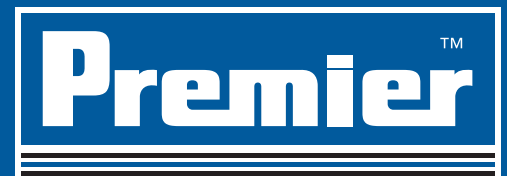
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