



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
- If applied in the recommended way it will have a 30-year expected service life.



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.

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 can be used to make the wrapping of valves and fittings with corrosion prevention tapes easier.



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

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

COMPONENTS

Premier Steelcoat 100/400(A) System:

Premtape™ Hi-Tack Primer
Premtape™ Hi-Tack
Premier Ultraseal RT™ Tape
Premier™ Acrylic Topcoat

Premier Steelcoat 100/400(B) System:

Prempaste S105™
Premtape™ Hi-Tack
Premier Ultraseal RT™ Tape
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 Premtape™ Hi-Tack Primer followed by a double wrap (55% overlap) of Premtape™ Hi-Tack [Fig. A]. The outer Premier Ultraseal RT™ Tape is applied [Fig. B] with a 25% overlap before painting [Fig. C].

For steelwork, the Steelcoat 100/400(A) System is applied as above but with a single layer only (25% overlap) followed by Premier Ultraseal RT Tape with a 25% overlap before painting. Once applied the fabric backed Premier Ultraseal RT Tape 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 Premier Hi-Tack Primer.

EXPECTED SERVICE LIFE

Once correctly applied, the Steelcoat 100/400 System can provide up to 30-years maintenance free service.



FIG. A



FIG. B



FIG. C



FIG. D

SYSTEM MID-APPLICATION



SYSTEM MID-APPLICATION



FINISHED APPLICATION



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