



Cable duct hollow section
in Auckland Harbour Bridge



Objective: To outline the capability and application techniques of Goldseal Coldspray in the coating of hollow sections or hard to reach areas in unwashed marine, chemical or condensation environments.

EXPERIENCE IN THIS FIELD: 40 years

BACKGROUND: Goldseal Industrial Hotspray delivers cost effective corrosion control on complicated structures and large surface areas.

There are instances where,

- Access is not possible or is out of reach in an attic or under a wharf.
- The area requiring attention is small i.e. a bridge bearing or nut and bolt flange.
- The area to be coated is inside a box section, marine pile or pipe interior in a fertilizer plant roof truss.

In these cases a more mobile formulation is needed that does not suit the rheology of Hotspray.

EQUIPMENT: The 10lt pressure pot kit can be supplied ready to go.

- The pressure pot is assembled with an air by-pass to blow product out of the delivery line, if ever required.
- The delivery hoses are commonly between 2 and six meters long.
- The spray gun has an engineered modification to allow the fitting of a range of delivery tubes.

The delivery options are:

1. Circular fan local nozzle for close up work such as nut and bolt flanges.
2. Red rubber flexi tube with angled delivery pipe which delivers product 500mm in any direction from a drilled hole.

3. Long reach nozzle. This copper tube can be 1-4 meters long and provides for product delivery to an inaccessible area. Often these areas can be washed and or neutralised or rust converted and then coated with Coldspray. This nozzle can also deliver paste like brush grade for sealing gaps and seems between dissimilar substrates, such as concrete and steel.

4. Plastic tube delivery to interior environments. This tube can be 10 meters long with a small 360 degree nozzle for complete coating of unseen areas.

The pressure pot Kit is suitable for use with Goldseal Coldspray and softened Brush grade.

Goldseal has no shelf life and product can be left in the pressure pot ready for use without the need to clean out after every application.

Coldspray and brush grade can be thinned and cleaned up in petroleum based solvents.

The products should be thinned for use with a solvent that is relative to the speed of coating set up required.



A heavy Hot Spray coating is possible on marine piles and Mine Head supports. Note: In the coated marine pile above left the Coldseal overspray has produced a floating gasket that will rise and fall with the water level.

GOLDSEAL GROUP

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