

INFORMATION BULLETIN

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GOLDSEAL GROUP EPOXY CANCER

OBJECTIVE: To case study rectification of Epoxy cancers , by hand application of Cold Goldseal.



Fertilizer plant, Kwinana, Western Australia.

This 15 year old structure south of Perth was erected from I beam portals and hollow section diagonal bracing and hollow section roof trusses. These were all coated in factory applied Epoxy. While most of the coating is performing well there are thousands of epoxy cancers throughout this processing plant

Hollow section bracing and trusses cannot be allowed to perforate. The inside surface is not coated and unseen internal corrosion will collapse the truss.

Goldseal licensees can coat hollow sections, mine head supports and wharf pile internals.

NOTE: While hand application is effective the best results are achieved by hot spray application. This gives an even high build result on edges, bolts and flanges.



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The cancers were opened by hand. Each cancer had undercut the coating by more than was visible

Each area was cut back until the coating adhered, then wire brushed, neutralized and dried using a rag or heat gun.

Cold Goldseal was then applied to the area in a circular brushing motion and immediately recoated. The Goldseal penetrates the steel matrix and capillaries under the edge of the paint coating stopping further delamination. After 6-8 weeks the coating matures to a firm plastercene like finish.



GOLDSEAL GROUP

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