



IN THIS ISSUE **LIFTING THE LID** It's a blast! **UP FRONT** It's a wrap!
SPOTLIGHT An icon at the Royal Botanic Gardens, Kew, restored

PIPELINE COATING

Cortec's patented CorroLogic VpCI Filler is changing the way the oil and gas industry protects pipeline casings from corrosion.

Cortec's patented CorroLogic VpCI Filler is changing the way the oil and gas industry protects pipeline casings from corrosion. Standard methods for protecting these vulnerable annular void spaces have been to use coatings and cathodic protection (CP), which can be deficient or cumbersome. To replace or supplement these traditional corrosion protection options, Cortec invented CorroLogic VpCI Filler, a practical and effective gel filler product for pipeline casings and other tubular void spaces. This method of protection is rapidly becoming a preferred strategy for protecting the many pipeline casings in existence.

The VpCI Filler was designed at the request of a North American pipeline corrosion engineering group looking for a product that would protect annular void spaces between pipelines and their casings. In response, Cortec Corporation researched and developed a two part VpCI Filler product that, when mixed and pumped into a structural void space, turns into a gel product that fills and protects the space from corrosion long-term using Cortec's Vapor phase Corrosion Inhibiting Technology. The filler also provides resistance to bacterial corrosion and prevents infiltration of air and water inside the filled structures.

CorroLogic VpCI Filler offers a practical and effective solution for long-term corrosion protection of challenging environments such as pipeline casings and tubular vessels or structures.



Right: Austin Hayes recently completed a coating project for Process Combustion Ltd

LARGE COATING PROJECT

Austin Hayes has recently completed a large coating project for a Harrogate based engineering company Process Combustion Ltd.

The project was completed in two phases, with all components processed to Jiang Yin LNG paint specification at the company's Leeds site.

All the components were masked specifically to customer requirements and painted with a three coat

epoxy paint system, (Interzinc 52, Intergard 475HS, Interline 69I). The coatings were inspected by Steve Swaine (NACE III) and Steve Carter (NACE II).

The second phase of the project was completed by the company's Site Services team at the customer's site.

"We have just completed a Project for HQCEC, to provide two Hybrid LNG Vaporisers for their Jiangyin LNG import terminal," explains Julian Smith, Technical Director of Process

Combustion. "This project was very important to us in that it was the first of the new generation of hybrid units, and also the first one collaborating with a new Chinese team. It was important to produce a unit of high quality with a tight delivery date. As such we chose Austin Hayes as we knew they could meet our needs."

He continues: "From order placement, we received excellent assistance in the preparation of our paint procedures. We also worked together on the planning in the weeks before delivery, which was key to getting the painted units back into our workshop exactly when we needed them. For these types of projects we have a very high level of documentation, and it just arrived on time and all correct with no problems."

"We also received excellent aftercare. During the final assembly it is inevitable that we will get some minor scratches and chips. The team at Austin Hayes offered an excellent service in repairing this kind of damage, ensuring the final goods are in pristine condition when leaving our factory."

NEW EPOXY PRIMER

PPG has introduced a new D8595 Deltron Epoxy Primer to the range. The D8595 is light grey in colour, chromate-free and has good corrosion resistance over bare metal. It also offers good adhesion to a wide variety of suitably prepared substrates including bare and galvanised steel, aluminium, painted surfaces and fillers. It has a great final appearance with no ringing or mapping.

As a multi-mode primer, it can be used in many ways depending on the repair need:

- As a sandable filler/surfacer – with much better sanding properties than are usual for an epoxy primer, making it easy and fast to work with
- As an isolator – with a long pot life, so it can be mixed

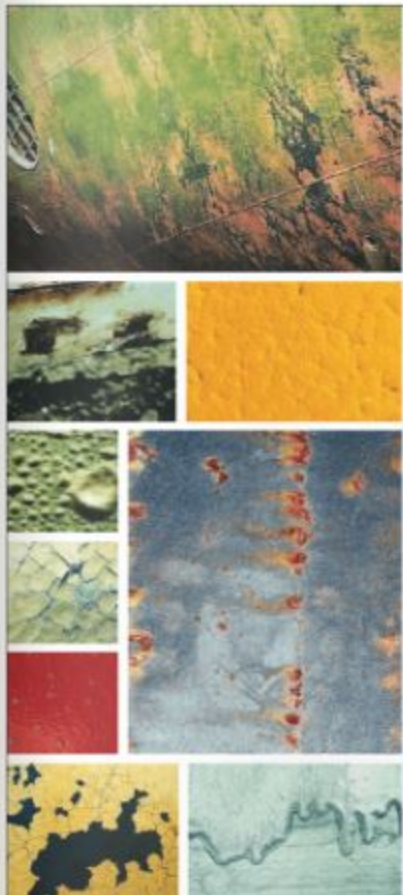
once and is ready to spray throughout the working day, saving time and minimising waste

- As a wet on wet primer – for small spot repairs and rub-throughs

The new versatile Epoxy primer can be baked or air-dried overnight if required. It may also be used as a one-coat sealer under 2K primers and surfacers. It can also be overcoated with any Deltron 2K primer or topcoated with Deltron Progress UHS direct gloss or Envirobase High Performance basecoat.

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