

# COPON

## CASE HISTORY

**PROJECT TITLE** GIRTH WELD COATING TO POLYETHYLENE COATED GAS TRANSMISSION PIPELINE



Copon Hycote 165 solvent free polyurethane was used as the external girth weld coating on this transmission pipeline pre factory coated with a three layer polyethylene coating system.

Following removal from auger boring through chalk and flint, the polyethylene parent coating exhibited extensive damage including deep scouring down to fusion boded epoxy corrosion coating.

Copon Hycote 165 exhibited excellent resistance to the boring forces with only minor abrasion marks to the coating over the weld and excellent adhesion to the prepared polyethylene overlap

This special Copon Hycote 165 System (200PP) consisting of scarification of the existing external coating, a surface conditioning primer and overcoating with Copon Hycote 165 (and variants), is a simple to use highly effective weld coating material for steel weld areas and polyethylene overlap and repairs.

