INDEPENDENT TESTING AND ANALYSIS
ON PROTECTIVE COATINGS
TO PREVENT CORROSION

EXCELPLAS UNDERTAKES ANALYSIS & TESTING
OF POLYMER
COATING SYSTEMS INCLUDING:
• EPOXY PROTECTIVE COATINGS
• EPOXY-PHENOLIC PROTECTIVE COATINGS
• FUSION BONDED EPOXY (FBE)
• DUAL-LAYER FUSION BONDED EPOXY (DLFBE)
• LIQUID APPLIED EPOXY (LAE)
• ABRASION RESISTANT OVERCOAT (ARO)
• THREE-LAYER POLYETHYLENE (3LPE)
• MULTI-COMPONENT LIQUID SPRAY (MCL)
• HEAT SHRINK SLEEVES (HSS)
ExcelPlas Labs offer a full range of coating testing and analytical services to Australia's mining, oil, gas and infrastructure sectors, including forensic analysis for undertaking various coating based failure investigations and problem solving.

Testing on coatings that ExcelPlas can undertake includes:
• Coating Identification by Infra-red Analysis (FTIR)
• Degree of Cure by Thermal Analysis (DSC)
• Coating Filler Identification by X-ray Analysis (EDS/XRD)
• Coating Microstructure by Embedding, Polishing and Optical Microscopy (OM)
• Coating Thermal Stability and Composition by Thermogravimetric Analysis (TGA)