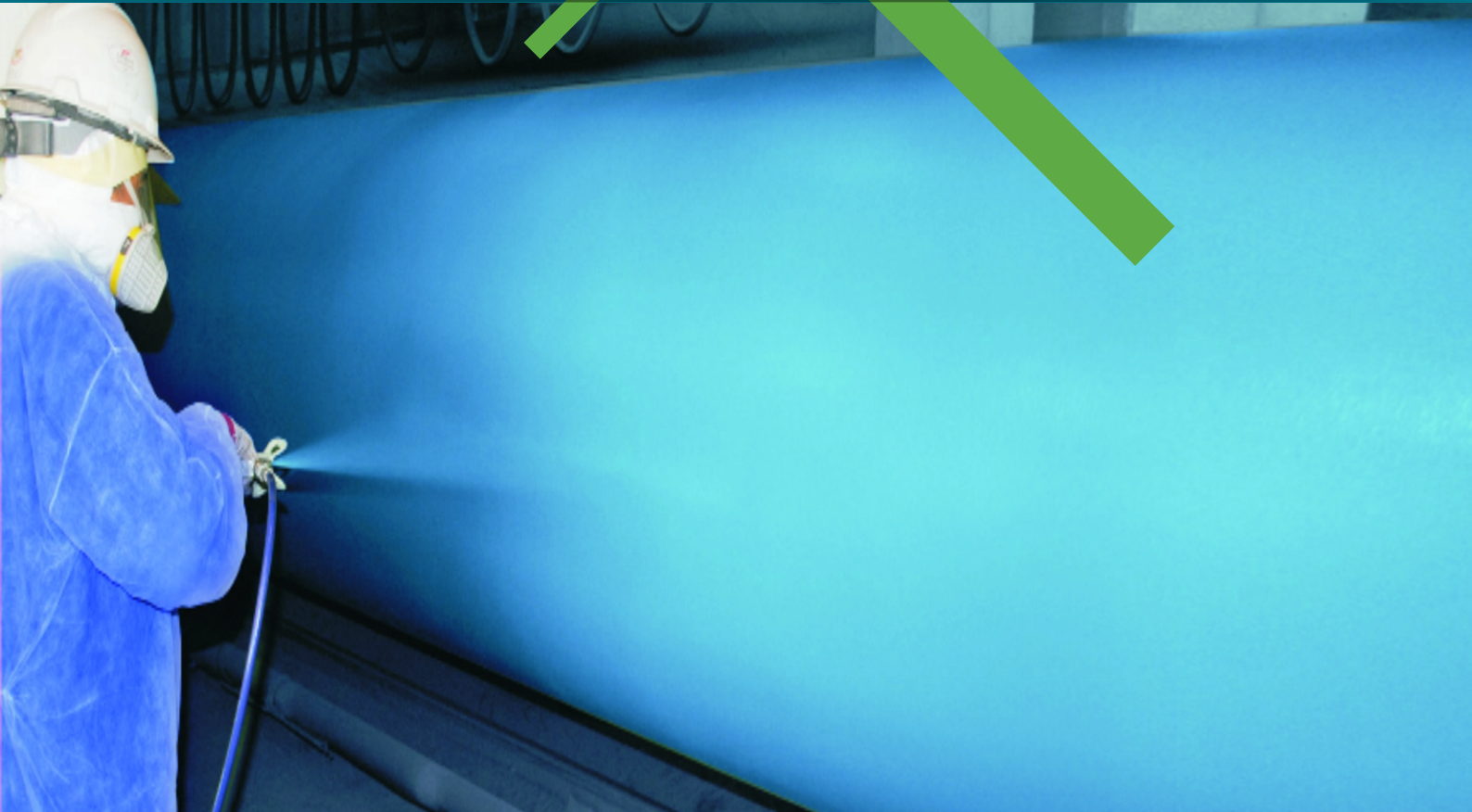


Solvent Free Epoxy and Polyurethane Systems

FIRST ENERGY COATING SERVICES



Plural component hot applied solvent free epoxy and polyurethane coating is the modern, fast, efficient and reliable method for the factory application of high performance materials to critical pipelines.

Also favored as a held rehabilitation and held joint coating system because of its tough, damage resistant capabilities, pipe can be bedded and backfilled almost immediately after completion which is of vital importance to the timely completion of fabrication and rehabilitation projects.

Solvent Free Polyurethanes and Epoxies can serve as a high performance corrosion barrier only when applied on a well prepared surface and installed by a qualified crew, using the right equipment.

FECS has over 3 decades of experience in application of these coating systems and uses the latest state of the art blasting and plural experience in application of these coating systems and uses the latest state -of-the -art blasting and plural component airless hot-spraying

Coatings & Linings

FIRST ENERGY COATING SERVICES

FEATURES

- Fast Drying – Backfill Possible
Several Minutes After Application
- High Temperature Resistance
(PU up to 85°C and Epoxy up to 150°C)
- Excellent Bonding to 3LPE/PP and FBE
- Excellent Resistance to Cathodic
Protection at Elevated Temperatures
- Excellent Chemical, Abrasion and
Impact Resistance

APPLICATION

- External Buried Pipelines
- External Buried Pipeline Field Joints
- External Pipe Bends, Fittings, Valves
- External Pipework Exposed to Horizontal
Directional Drilling/Thrust Boring
- External Pipework in Marine Conditions
Risers/Conductors and J-tubes

INSTALLATION

Solvent Free Polyurethanes and Epoxies can serve as a high performance corrosion barrier only when applied on a well prepared surface and installed by a qualified crew, using the right equipment. FECS has over 2 decades of experience in application of these coating systems and uses the latest state-of-the-art blasting and plural component airless hot-spraying machinery.

FECS is associated with some of the world's leading manufacturers of high performance linings and coatings. Typical examples of systems used by FECS are listed below, though we are not limited to using only these systems, as in many cases the client's specification is the driving factor.

Typical Solvent Free Epoxy Coating Systems

Product Name	Dry-Film Thickness	Temperature Resistance	Manufacturer
PROTAL 7200	1000-1500µm	85 °C	Denso
PROTEGOL EP-130HT	1000-1500µm	120 °C	TIB Chemicals
SP-8888	875-1500µm	150 °C	Specialty Polymer Coatings

Typical Solvent Free PU Coating Systems

Product Name	Dry-Film Thickness	Temperature Resistance	Manufacturer
PROTEGOL 32-55	625-2500µm	80 °C	TIB Chemicals
ENDOPRENE 870 EN	1000-2000µm	80 °C	Axson Coatings
SIGMALINE 855	1000-2000µm	80 °C	PPGPMC

IF ANY ENQUIRY
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FECS

First Energy Coating Services

Specialised in Industrial Coatings

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