



DURA-BOND

COATING



Dura-Bond API certified steel pipe with Powercrete protective coating



Fusion bond epoxy on American-made Dura-Bond steel energy pipe

AMERICA'S PIPELINES RELY ON DURA-BOND PROTECTIVE COATINGS

Dura-Bond's plant-applied fusion bond epoxy pipe coating operations can accommodate tubular diameters ranging from 4" to 42" and lengths up to 80'. Specialty coatings can be applied on 4" to 92" diameter pipe.

Fusion Bond Epoxy Coatings (FBE)

Fusion Bond Epoxy (FBE) Fusion bond epoxy is an environmentally-safe thermosetting coating that is sprayed onto the pipe surface after it has been cleaned and heated to over 450° F. Epoxy powder melts onto the steel surface and fuses to the pipe, creating a hard barrier. This coating drastically reduces the amount of current required for cathodic protection to prevent corrosion. Dura-Bond's FBE coating has been laboratory and field-tested to assure customers of field-proven protection that will last for generations.

Abrasion Resistant Overcoating (ARO)

Our FBE Dual Coating System is a hard, mechanically strong overcoating for use on top of any brand of fusion bond epoxy coatings. ARO coating enhances the performance of the first layer of FBE corrosion protection. It is applied to the base coating to form a tough outer layer that is resistant to gouge, impact, abrasion and penetration. This coating is specifically designed to protect the primary corrosion coating from damage during pipeline directional drilling, bores, river crossing and installation in rough terrain.

Internal Diameter Coating (ID Lining)

Dura-Bond applies internal coatings for uses ranging from water/wastewater treatment to mainline gas transmission. The application of internal diameter coating adds corrosion protection and increases flow efficiency to the inside of steel line pipe. Dura-Bond can provide high performance specialty linings that meet MIL-C-4556E military specifications for use on pipelines that transfer jet fuel.





INBOUND PIPE



BLAST STATIONS



VISUAL INSPECTION



HEATERS INBOUND to COATER



COATING SHROUD

DURA-BOND FBE PIPE COATING PROCESS



OUTBOUND PIPE



ELECTRONIC INSPECTION



PIPE CONVEYANCE



WATER QUENCH



FBE COATING GUNS

SPECIALTY COATINGS

Dual Layer

Dura-Bond offers dual layer FBE coatings for use in the most critical pipeline environments. Our plants utilize a unique dual powder application booth to keep both layers separated for maximum performance. Dura-Bond's advanced equipment and processes can apply any brand of fusion bond epoxy and satisfy the most demanding specifications. Our dual layer coatings provide abrasion resistance during pipeline installation, improve cathodic protection and are ideal for use in high temperature applications.

Powercrete

Powercrete is the pipeline industry's most specified concrete overcoating and Dura-Bond is North America's leading applicator of this field-proven abrasion protection. Dura-Bond and Powercrete can provide superior adhesion and abrasion resistance for below ground and submerged pipelines. Powercrete® is impervious to soil stress and is fully compatible with FBE and CTE line coatings. This tough plural component epoxy concrete is sprayed hot over freshly applied FBE or CTE coatings in a thickness of 20 to 125 mils. It is recommended for use on pipe that is to be pulled under a river, road or wetland area through a directional bore.

Liquid Epoxy

Dura-Bond applies NSF epoxy linings to the inside diameter of pipelines that are required for sanitary applications and exterior liquid epoxy coatings for OD protection.

Dura-Bond Industries, Inc. Dura-Bond was founded in 1960 by J.M. Norris to provide corrosion protection services for manufacturers and users of steel products. Today, Dura-Bond operates four plants strategically located in Western Pennsylvania's Marcellus/Utica Shale Region. The facilities utilize advanced pipe manufacturing and protective coating technologies.

DURA-BOND COATING FACILITIES

Dura-Bond facilities are SSPC certified for the application of protective coatings to API steel pipe and fabricated steel shapes.

Dura-Bond Coating Duquesne

5 North Linden Street
Duquesne, PA 15110
phone: 412.436.2411

4" to 36" diameter pipe

Dura-Bond Pipe Steelton

2716 Front Street
Steelton, PA 17113
phone: 717.986.1100

24" to 42" diameter pipe

Dura-Bond Corporate Headquarters

2658 Puckety Drive
Export PA 15632
phone: 724.327.0782

specialty coatings and ID linings



www.dura-bond.com

America's Energy Relies on Dura-Bond