

INDUSTRIAL SYSTEM SELECTION GUIDE

BURIED SERVICES



Tnemec's coating solutions for buried services provide essential defense against the unique challenges posed by underground environments. The coatings are engineered to withstand the highest degree of abrasion, erosion and effects of wet or corrosive soils.



BURIED PIPE



ARO OVER FBE



PILINGS

System Type	Minimum Surface Preparation	Coatings System	Recommended DFT (Mils)	Total DFT (Mils)
Buried Pipe	SSPC-SP 10/ NACE 2	Series 425 Epoxoline ARO Epoxy	20-40	20-40
Abrasion Resistant Overcoat (ARO): Over FBE	SSPC-SP 7/ NACE 4	Series 425 Epoxoline ARO Epoxy	20-40	20-40
Abrasion Resistant Overcoat (ARO): Direct-to-Metal	SSPC-SP 10/ NACE 2	Series 425 Epoxoline ARO Epoxy	20-40	20-40
Abrasion Resistant Overcoat (ARO): Ductile Iron Pipe	NAPF-03-04	Series 431 Perma-Shield PL Ceramic-Filled Epoxy	30-40	30-40
Abrasion Resistant Overcoat (ARO): Fittings and Valves	SSPC-SP 10/ NACE 2 (Steel) NAPF-03-04 (Ductile Iron)	Series 431 Perma-Shield PL Ceramic-Filled Epoxy	30-40	30-40
Piling	SSPC-SP 6/ NACE 3	Series N69 Hi-Build Epoxoline II Epoxy (Optional) Series 46H-413 Hi-Build Tnemec-Tar Coal Tar Epoxy	2-10 16-20	16-30
Buried Concrete Storage/Structure	SSPC-SP 13/ NACE 6	Series 46-465 H.B. Tnemecol Coal Tar Epoxy Series 46-465 H.B. Tnemecol Coal Tar Epoxy (Optional)	8-12 8-12	8-24
Steel Pipe Transition	SSPC-SP 10/ NACE 2	Series 425 Epoxoline ARO Epoxy Series 1095 Endura-Shield Polyurethane	20-40 2-5	22-45

NOTE: Not all service areas or site-specific conditions are referenced in System Selection Guides. For more information, reference the product data sheet or contact your local Tnemec representative.

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