

SIGMASAFE SUPERIOR EXTERNAL COATING FOR FITTINGS

Product Information Sheet

Benefits

SIGMASAFE coated Ductile Iron Fittings provide the benefits of a zinc rich primer coating with the added benefits of a barrier top coating.

Tnemec Series 94H20 Hydro-Zinc primer provides a zinc layer for protection of the substrate and is ANSI/NSF Std. 61 Certified.

Tnemec Series 22 Epoxoline Finish Coat is an Modified Polyamine Epoxy that is ANSI/NSF Std. 61 Certified. The Finish is comparable to other durable barrier coatings such as Fusion Bonded Epoxy and provides a hard slick finish.

Approvals and Standards

- ANSI/NSF Std. 61 Certified.
- Suitable for WTP and WWTP Exposures.
- When used with Tnemec Series 90-98 Theme-Zinc the applied system conforms to ISO-8179.
- Meets New York State water quality standard.
- Can be top coated with UV Stable Finishes.
- The coating system as applied has a zinc level of at least 200g/square meter of surface area.



Test Data

SIGMASAFE as compared to FBE

TEST	METHOD	RESULT	
		FBE	SIGMASAFE
ABRASION	ASTM D 4060	32mg loss	<109 mg loss
ADHESION	ASTM D 3359	5a	5a
HUMIDITY	ASTM D 4585	1000 hr	2000 hr
IMPACT	ASTM D 2794	pass 40 in lbs	pass 20 in lbs
SALT SPRAY	ASTM B117	1000 hr	10000 hr
WATER RESISTANCE	AWWA c550	pass	pass