SIGMASAFE SUPERIOR EXTERNAL COATING FOR C110 DUCTILE IRON FLANGED FITTINGS

BASIC SPECIFICATIONS

SIZES: • 2” - 64”

MATERIAL: • Ductile Iron ASTM A536 Grade 60-42-10, 65-45-12 or 70-50-05.

PRESSURE: • 250 PSI Water Working Pressure for Ductile Iron sizes 2” - 48”.
• 150 PSI Water Working Pressure for Ductile Iron sizes 54” - 64”.

TESTING: • In accordance with ANSI / AWWA C110 / A21.10 where applicable.
• Other items are in accordance with manufacturer’s standards.
• 54” and above Flanged Fittings are manufactured as per AWWA C153/A21.53.
• All fittings are hydrostatically tested in accordance with SIGMA Quality Management Standard.
• All fittings are heat coded to ensure traceability and verification of metallurgical properties in accordance with SIGMA Quality Management Standards.

LAYING LENGTH: • In accordance with ANSI / AWWA C110 / A21.10 where applicable.
• Other items are in accordance with manufacturer’s standards.
• 54” and above Flanged Fittings are manufactured as per AWWA C153/A21.53.

COATING: • 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.

GASKETS: • SBR in accordance with ANSI/AWWA C111/A21.11 & ANSI/AWWA C111/A21.11.
• Also available in EPDM, NBR and CR.

APPROVALS: • 2”-16” Underwriters Laboratories listed and Factory Mutual Approved.

STANDARDS: • Certified to NSF61 Standard including Annex G & 372.
• ANSI / AWWA C110 / A21.10 Where applicable.
• Other items are in accordance with manufacturer’s standards.
• 54” and above Flanged Fittings are manufactured as per AWWA C153/A21.53.

INSTALLATION: • Per ANSI/AWWA C600 and C111 using DIP conforming to C150/C151 and PVC pipe conforming to C900/C905.