PROTECTO 401

Ceramic Epoxy Lined Ductile Iron Fittings

SIGMA™

Quality – Service – Commitment – Delivered.

PROTECTO 401 C110 DUCTILE IRON FLANGED FITTINGS

PROTECTO 401 C110 DUCTILE IRON FLANGED FITTING 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:
- Interior of fitting is lined with Protecto 401 (ceramic epoxy coating) standard for lining ductile iron pipe and fittings. Designed specifically for the protection of ductile iron for sanitary sewer service by providing a reliability similar to cement mortar lining in drinking water service but having the excellent chemical resistance of a novalac epoxy for septic sewer service.
- Exterior: Red Primer

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:
- 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.

FM APPROVED