

CompoSol® Pipework

CompoSol® Pipework is an engineered and designed composite pressure retaining repair system. It is used on pipes and piping systems, including bends, tees, reducers and other complex geometries suffering from wall thinning (including through-wall defects) caused by internal and external corrosion or mechanical damage.

Usage

CompoSol® Pipework is used as a wet-lay-up around all types of ferrous and non-ferrous pipes to restore operational integrity in line with the latest international standard for pressure retaining composite repairs, ISO/TS24817.

Design

The design of a CompoSol® Pipework repair is governed by ISO/TS24817. Designs consider a number of parameters including diameter, pressure, temperature, defect size and defined life.

Application

Surfaces should be clean and free from loose rust and contamination. Preparation should be in line with the requirements of the latest international standards.

CompoSol® Pipework should only be applied by applicators trained and certificated in line with ISO/TS24817, ASME PCC2 and ACoReS Audit requirements.

Benefits

- Cost effective and easy to apply
- Can be applied to surfaces prepared to ST2 standard
- Meets relevant International Engineering Standards
- Resistant to a wide range of chemicals encountered in petrochemical industry
- Can be applied under cold permit to work
- Can be used on all types of geometries
- Fire Rated to BS 476 Parts 6 and 7

Product Data

- Repairs can be made in excess of 120 Barg
- Application Temperature +10°C to +50°C
- Storage: In original containers in dry conditions between 5°C and 35°C
- Service Temperature –50°C to +150°C
- Protect from frost and excessive heat



Providing the Complete Composite Solution