

REINFORCEKIT® 4D

ISO 24.817 and ASME PCC-2 compliant







This composite technology, made of Kevlar® tape and bi-component epoxy resin, is a great alternative to metal clamp, welded sleeve and pipe replacement.

3X ENGINEERING (3X) developed its own software to design the repair and define the material requirements according to ISO 24.817 and ASME PCC-2 standards.

REINFORCEKIT® 4D RANGE











REINFORCEKIT® 4D MAIN FEATURES & BENEFITS _

- > Emergency Pipeline Repair System (EPRS)
- > Online repair (no loss of production)
- ➤ Long-term performance (up to 20-year lifetime)
- Designed according to the standards (ISO 24.817 and ASME PCC-2 compliant)
- > Versatile product with a large range of applications (O&G assets, plants, refineries, platforms, FPSO ...)
- > Suitable for transmission and distribution pipelines, piping, pipework ...
- > Suitable for any pipe geometries (straight, elbow, tee) including irregularities (welds ...), without pipe size limitation
- > User-friendly (no hot work, non conductive repair, light product)
- > Premium installation by trained and certified applicators only
- > Traceability using smart tag



REINFORCEKIT® 4D IMPLEMENTATION



Designed as per ISO 24.817 & ASME PCC-2



Surface preparation Sa2½ / St3 and roughness Rz > 60µm



3X filler application



3X bi-component epoxy resin preparation



R4D wrapping



Coating protection & smart traceability tag







www.3xeng.com





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