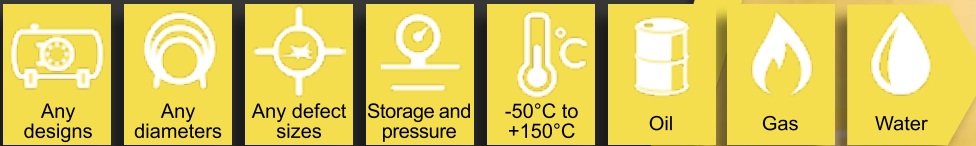


3X ENGINEERING

LONG-TERM COMPOSITE REPAIR SOLUTION FOR TANK AND PRESSURE VESSEL REINFORCEMENT



REINFORCEKIT® PATCH

ISO 24.817,
ASME PCC-2
and API 653
compliant



OIL & GAS
ONSHORE / OFFSHORE

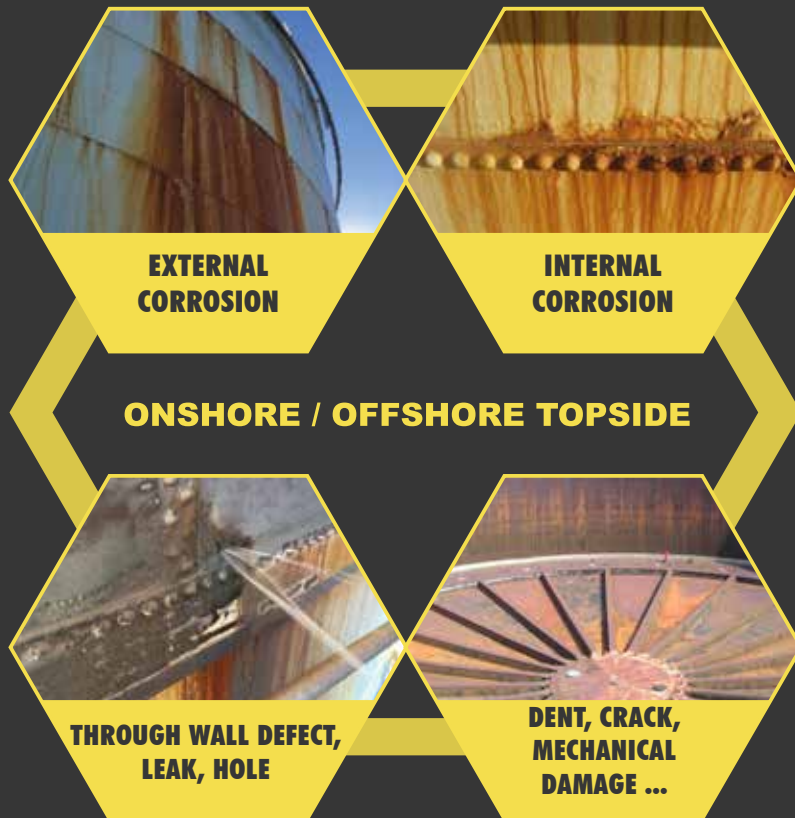
INNOVATIVE REPAIR SOLUTIONS FOR YOUR INSTALLATIONS

REINFORCEKIT® PATCH is a wet lay-up patching repair system designed to reinforce tanks and pressure vessels, restore original asset integrity and prevent further deterioration.


This composite technology, made of several Kevlar® patches and bi-component epoxy resin, is a great alternative to welded metal plate and equipment replacement.

3X ENGINEERING (3X) developed its own software to design the repair and define the material requirements according to ISO 24.817, ASME PCC-2 and API 653 standards.

REINFORCEKIT® PATCH RANGE



REINFORCEKIT® PATCH MAIN FEATURES & BENEFITS

- Tailor-made for each repair
- Online repair (no loss of production)
- Long-term performance (up to 20-year lifetime)
- Designed according to the standards (ISO 24.817, ASME PCC-2 and API 653 COMPLIANT)
- Versatile product with a large range of applications (storage and GRP tanks, pressure vessels, separators, columns ...)
- Suitable for any tank (wall, roof and bottom plate) and pressure vessel designs and diameters
- No limitation in pressure and defect size
- User-friendly (no hot work, non conductive repair, light product)
- Installation by trained and certified applicators only
- Traceability using smart tag 

REINFORCEKIT® PATCH IMPLEMENTATION

<p>1</p>  <p>Designed as per ISO 24.817 & ASME PCC-2</p>	<p>2</p>  <p>Surface preparation Sa2½ / St3 and roughness Rz > 60 µm</p>	<p>3</p>  <p>3X filler application</p>	<p>4</p>  <p>3X bi-component epoxy resin preparation</p>	<p>5</p>  <p>Kevlar® patching with 3X resin application</p>	<p>6</p>  <p>Final protection and traceability tag</p>
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