









3X ENGINEERING

TANKiT®

Ready-to-use
for emergency
repair

EMERGENCY COMPOSITE REPAIR SOLUTION FOR TANK AND PRESSURE VESSEL REINFORCEMENT

<  >
ONSHORE / OFFSHORE

-  Any designs
-  Up to 100mm (4") defect size
-  Storage & pressure
-  -50°C to +70°C
-  -58°F to +158°F
-  Oil  Gas  Water

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

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

TANKiT® is ready to use and does not require calculations. It can be used in specific conditions, up to 100mm (4") defect size and maximum temperature +70°C (+158°F).

TANKiT® RANGE

ONSHORE / OFFSHORE TOPSIDE



EXTERNAL CORROSION

INTERNAL CORROSION

THROUGH WALL DEFECT,
LEAK, HOLE

MECHANICAL DAMAGE,
DENT, CRACK ...

Limited to 100mm (4") defect size with maximum temperature +70°C (+158°F)

TANKiT® COMPONENTS



Steel plate
& F3X8 filler



5 Kevlar® patches
300mmx300mm (12"x12")
& bi-component resin R3X70+



Accessories

TANKiT® MAIN FEATURES & BENEFITS

- Ready to use (no calculations required)
- Online repair (no loss of production)
- 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
- 1 TANKiT® = 1 repair (always 5 patches/layers)
- Cold welding system, no heating or post-curing required
- Cost-effective and easy to store
- Easy installation by trained and certified applicators
- Traceability using smart tag

TANKiT® IMPLEMENTATION



1 Surface preparation Sa2½ / St3 & roughness Rz > 60 µm (2.4 mil)

2 Steel plate application
(with filler & magnets)

3 Kevlar® patches with 3X resin
application (5 layers)

4 TANKiT® installed &
traceability tag



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