



# TANKiT® & REINFORCEKiT® PATCH



## COMPOSITE REPAIR SYSTEMS FOR DAMAGED TANKS



Oil



Water



Gas



Onshore & Offshore



### TANKiT®

### REINFORCEKiT® PATCH



BEFORE



AFTER

#### EMERGENCY REPAIR

Ready-to-use kit



BEFORE



AFTER

#### LONG-TERM REPAIR

Compliant with ISO 24.817 & ASME PCC-2

SUITABLE FOR VARIOUS TANK DESIGNS AND SIZES



## Composite Repair Specialist



**TANKiT®** and **REINFORCEKiT® PATCH** are two composite products developed to repair tanks and pressured vessels suffering from corrosion defects and mechanical damages.

**TANKiT®** is an emergency and temporary reinforcement solution ready to be used in specific cases.

**REINFORCEKiT® PATCH** is the solution for a lasting tank reinforcement (up to 20 years for external corrosion) and can be applied whatever the conditions, after engineering and calculations.

Both of them can be applied without shutdown, unless active leakage.

## TANKiT® & REINFORCEKiT® PATCH MAIN TECHNICAL DATA

TANKiT®		REINFORCEKiT® PATCH	
ONSHORE/OFFSHORE	◀ Application ▶	ONSHORE/OFFSHORE	
-50°C / +60°C (-58°F / +140°F)	◀ Service temperature ▶	-50°C / +150°C (-58°F / +302°F)	
+10°C / +60°C (+50°F / +140°F)	◀ Application temperature ▶	+10°C / +130°C (+50°F / +266°F)	
Up to 20m	◀ Max. tank Ø ▶	No limitation	
Up to 100mm	◀ Max. defect size ▶	No limitation	
Depends on tank & defect diameter (ex. : up to 2.2 bars for 100 mm hole and 10m diameter tank)	◀ Max. pressure ▶	No limitation	

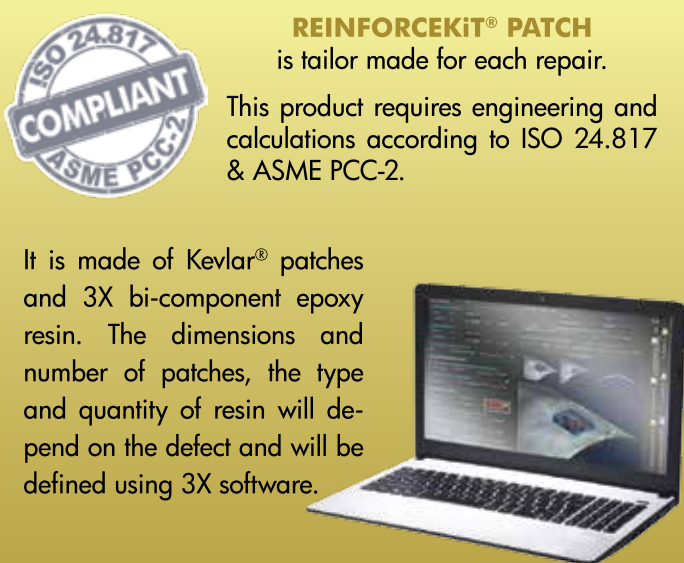
## TANKiT® & REINFORCEKiT® PATCH COMPONENTS



**TANKiT®** is a pre-engineered product sold in complete kit.

**1 TANKiT® = 1 repair**

Steel plate & F3X8 filler + 5 Kevlar® patches & R3X5 bi-component resin + Accessories



**REINFORCEKiT® PATCH** is tailor made for each repair.

This product requires engineering and calculations according to ISO 24.817 & ASME PCC-2.

It is made of Kevlar® patches and 3X bi-component epoxy resin. The dimensions and number of patches, the type and quantity of resin will depend on the defect and will be defined using 3X software.



### TANKiT® BENEFITS

- No engineering, no calculations (ready-to-use)
- Online repair (except for hole)
- No heating or post-curing required
- Cold welding system
- Cost effective solution



### REINFORCEKiT® PATCH BENEFITS

- In accordance with standards (ISO 24.817 & ASME PCC-2)
- Online repair (except for hole)
- Long-term repair for external defect (up to 20 years)
- No limitation in pressure and defect size
- Conform to all tank designs and sizes

**IMPLEMENTATION BY TRAINED AND CERTIFIED APPLICATORS ONLY**