



# DKIT®

## CORROSION PROTECTION FOR BEAM

For new and old damaged beam



Old & new installations



No size limitation



H



L



□



□



○



Onshore



BEFORE



AFTER



### Composite Repair Specialist



**DKiT®** is recommended to protect all kind of structures from corrosion. It is applied on the structure base, on the junction area with concrete basement. **DKiT®** is a multi-layers product made of 3 specific coatings:

- Anti-corrosion epoxy resin
- Waterproofing epoxy resin
- Anti-UV & impact protective coating (elastomeric material)

## DKiT® HISTORY



Before

Initially co-developed, tested and approved in partnership with SNCF (French National Railway Company), for Railway Industry to reinforce catenary supports, **DKiT®** is suitable for all structure designs.

After 3 years of testing (decohesion and mechanical tests ....), over a thousand of beams have been protected thanks to this original product.



After



### USES

- Avoid corrosion and water infiltration in the concrete basement
- Ensure structures integrity and sustainability
- Protect from climatic aggressions, UV and impacts



### APPLICATIONS

- All beam designs
- All structure designs built in concrete
- Old and new installations



### BENEFITS

- Installation without stopping traffic or production
- Complex maintenance avoided
- Cost-effective installation
- Fast and easy application

## DKiT® IMPLEMENTATION STEPS



1

Surface preparation Sa2½ / Si3 and roughness Rz > 60 µm



2

Epoxy resin application for beam/concrete protection



3

Waterproofing by elastomeric resin application



4

Protective coating application