

# STOPAQ®

Self-healing corrosion prevention & sealant technology

SEALFORLIFE

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# MSP

MIDSUN SPECIALTY PRODUCTS

## SUB SEA

ASSET CORROSION PROTECTION

### FEATURES

- ✓ Adheres Underwater
- ✓ Fast Install Time
- ✓ High Electric Resistance
- ✓ Environmentally Friendly
- ✓ Compatible w/ Existing Coatings
- ✓ Excellent Impact Resistance
- ✓ No hot permits

### APPLICATIONS

- ✓ Splashzone Jetty Pile Protection
- ✓ Offshore Jacket Leg Protection
- ✓ Subsea Pipeline Repair



**CONTACT US TODAY!**

for more information on our corrosion protection services  
visit us at [midsunsp.com](http://midsunsp.com)

email [CORROSION@MIDSUNSP.COM](mailto:CORROSION@MIDSUNSP.COM)  
phone 888-866-8273

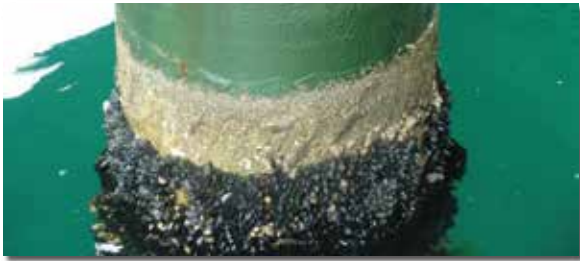
# RECENT STOPAQ SUB SEA | CASE STUDY

**Location:** Trieste, Italy

**Object:** Jetty Piles

**Year of Application:** 2012

**Reason:** FBE coating failure



Piles were coated, pre-installation, with an undefined epoxy coating still showing good adhesion in the dry area / above water line. The splash zone area had to be maintained over the years with various epoxy coatings showing better results than others, due to impressed current causing premature failure right after application (within 1 to 6 weeks) and other failure due to salt entrapment and cracking of the system over a period of 2 to 5 years in service. Regular maintenance and re-coating was set to every 4 years.



Flexible application makes it possible to interrupt the application at any time. Making it possible to continue terminal operations and avoid or minimize cost. Below water part and above water part can be applied separately in preference due to weather, sea and time restrictions.



The STOPAQ corrosion preventative materials are fully flexible and do not require tensioned application. The materials do not harden or cure and keep their unique characteristics throughout the lifetime of the object. The STOPAQ corrosion preventative materials are impermeable to water and oxygen, two ingredients that cause corrosion. They adhere to any surface, steel, concrete, PVC, existing coatings, with proper surface prep.



OVERHEAD VIEW



EXTERNAL CRACKS IN EXISTING SYSTEM AND SPREAD OF CORROSION UNDER FILM



APPLICATION OF STOPAQ WRAPPINGBAND SZ



## JOB DETAILS

### Operating Conditions:

Aggressive winds  
hot summers / cold winters

### Surface preparation:

High Pressure Waterjetting, 300Bar  
Grade: ST2-3, removal of existing coating by induction heating in the dry area

### Used materials:

Wrappingband SZ Outerwrap  
PVC - yellow  
Stopaq Wrappingband CZH  
Outerwrap PVC - Black  
Outerglass Shield XT24

### Used equipment:

High pressure waterjet unit 300-400  
Diving vessel, fully equipped for inshore surface supply diving.

### Application crew:

2 person diving crew

ARSQ-0001



APPLICATION OF INTERMEDIATE LAYER / PVC YELLOW AND OUTERGLASS XT 24



for Specifications, MSDS, Technical Data, and more  
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