Resimac Limited

UK based manufacturer

Underwater Coating Solutions

Formed in 2009
Sited in the heart of rural North Yorkshire, UK
UK based manufacturer
Over £2.5million turnover 2018
15 employees

Specialise in solvent free coatings & repair materials

- Epoxy
- Polyurethane
- Acrylic
- Silicon

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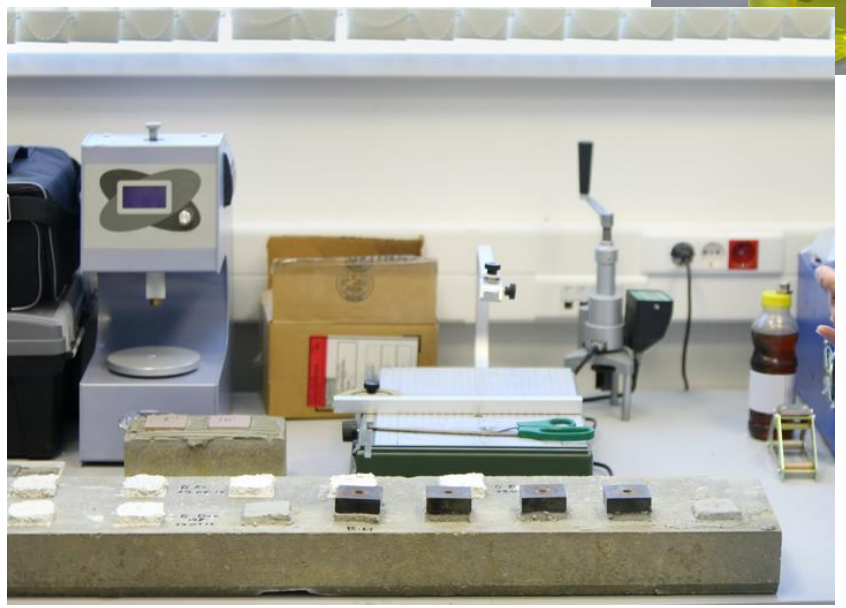
Export to over 45 countries worldwide
Contractors based on every continent
24/7 Technical support
On site technical support and training



Dedicated Research & Development Chemists

Dr Paul Battey	- Resimac since 2010
	- Belzona for 37 years
Ian Robinson	- Resimac since 2016
	- Copon/ Thortex for 31 years
Norman Kershaw	- Resimac since 2017
	- Copon/ Thortex for 26 years

Resimac Coatings & Repair Materials Technology

Epoxy & Epoxy Novolac

Solvent based –
- Corrosion protection

Solvent free –
- Abrasion/ wear resistance
- Concrete repair
- Corrosion protection
- Chemical protection
- Heat protection
- Thermal insulation

Water Based –
- Concrete sealing
- Corrosion protection

Polyurethane

Solvent based –
- Corrosion protection
- Waterproofing

Solvent free –
- Abrasion resistance
- Chemical protection
- Impact protection
- Wear resistance

Water Based –
- UV stable top coat

Acrylic

Solvent based –
- Corrosion protection
- Waterproofing

Water Based –
- Corrosion Protection
- Waterproofing
- UV stable top coat

Silicon

Solvent free –
- Corrosion protection
- Chemical protection
- Heat protection
- Thermal insulation

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Industries we serve

Water

Marine

Chemical

Power Generation

Oil & Gas

Steel

Pulp & Paper

Building envelope

Problem areas – Marine & Coastal

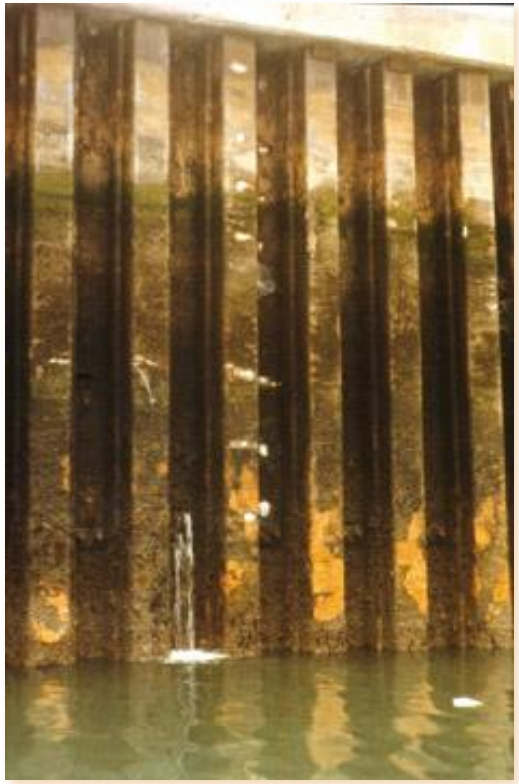
Areas Subject to Extreme Corrosion

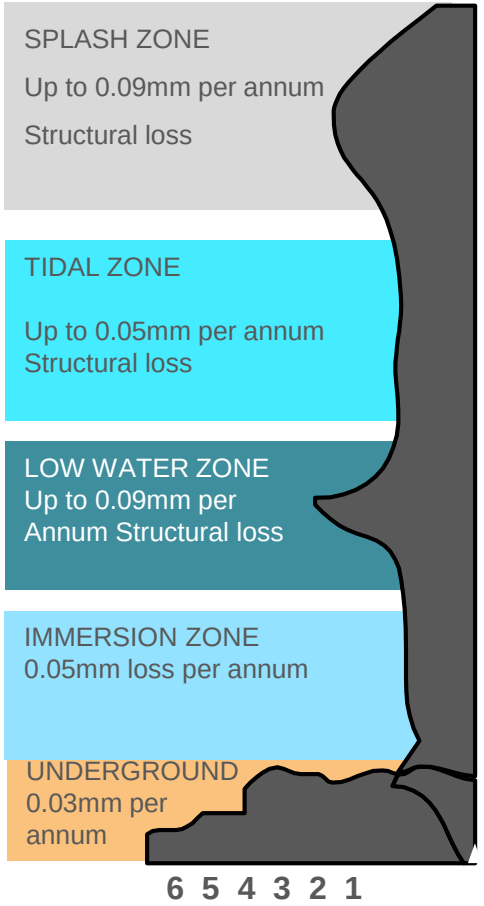
Problem areas – Marine & Coastal

Splash Zone

Tidal Zone

Low Water Zone





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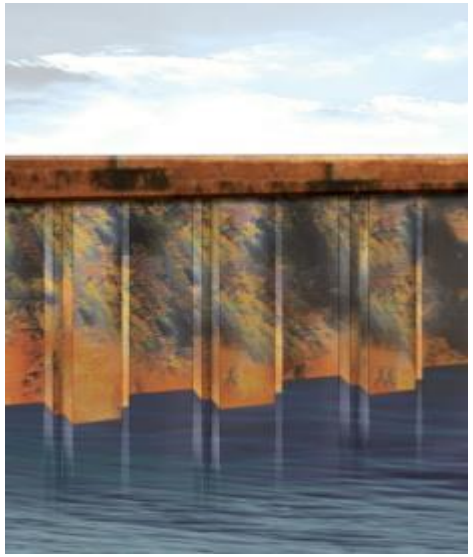
The Solution – 208 Ceramic UW

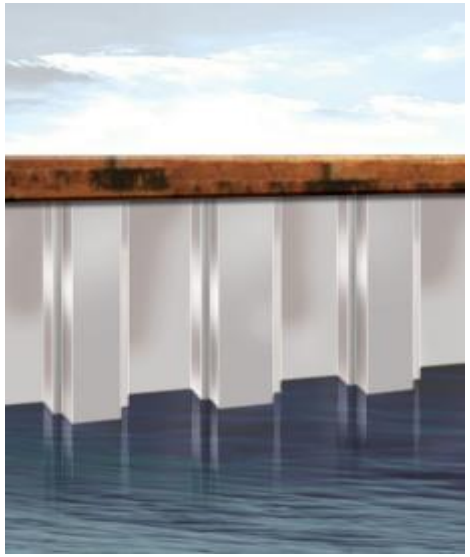
- Two pack solvent free epoxy
- Flexiblised – expands and contracts with the substrate
- Designed to be applied underwater and above the waterline
- Will cure at 5°C and above
- Ceramic enhanced fillers to give better erosion resistance
- Excellent adhesion to wet surfaces
- Thixotropic ensuring little wastage on underwater applications
- Resistant to sea water, chemicals, sewage, oils, buried conditions

The Solution – 208 Ceramic UW



SIMPLE SOLUTION
Aqua blast
Mechanically prep
Manual prep using scrapers

Take away as much corrosion from the surface above and below the waterline



LONG TERM PROTECTION
Apply in a single coat
High Build
Seamless finish

Cures to give an erosion resistant finish
Flexiblised system – expands and contracts with surface

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The Solution – 208 Ceramic UW

Recommended preparation of the substrate:

Aqua-blasting using entrained garnet

Environmentally friendly

Provides a good profile and cleanliness

Recommendation Coating Application:

Displacement of water from the substrate by using the correct coating application

Correct thickness of coating:
1 × 750microns -1000microns

Apply by hand using applicator tools

Apply by GRACO pump to brush head

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Project Profile – 208 Ceramic UW

Underwater Pipeline - UK

- Surface was aqua blasted
- 208 Ceramic UW applied at 1mm WFT
- Product applied using GRACO Extreme 45:1 pump
- Special brush attachment was used to assist diver application

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Project Profile – 208 Ceramic UW

Jetty Structure - UK

- Surface was hydro-blasted
- 208 Ceramic UW applied at 1mm WFT
- Product was applied using applicator tools
- Single coat application

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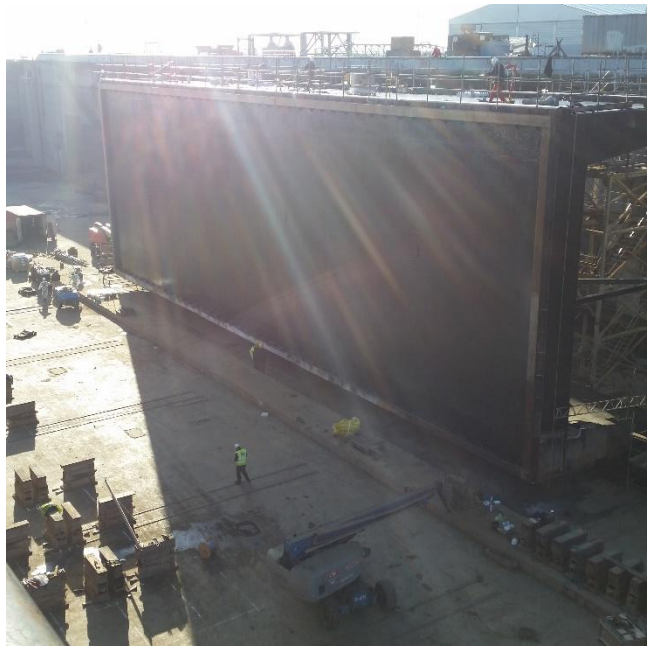
Project Profile – 208 Ceramic UW



Dock Gate Injection Contract- UK

- 208 Ceramic UW injected behind dock gates timbers
- Injected using GRACO Extreme 45:1 pump
- Fill voids ranging from 5mm – 45mm
- Chosen due to flexibility and surface tolerance

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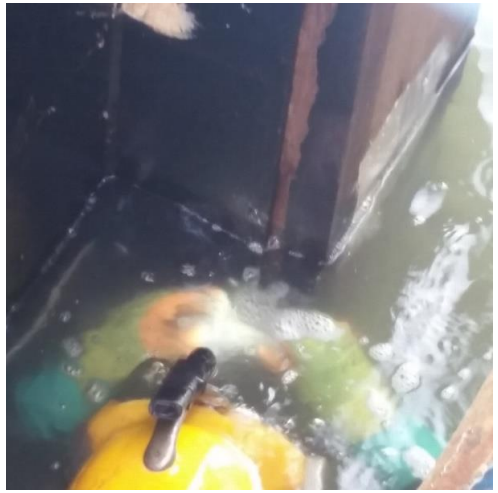
Project Profile – 208 Ceramic UW



Dock Gate Injection Contract- UK

- Contract awarded to refurb 18 dock gates
- 208 Ceramic UW was injected behind the timbers
- Used to fill voids ranging from 5mm – 45mm
- All work carried out underwater with divers
- Product pumped from topside to below the water line using GRACO Extreme 45:1 pump

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Resimac Support

TECHNICAL
24/7 support
Local expertise
Onsite training
Training seminars locally & head office

INNOVATION
Dedicated R&D laboratories
Commitment to developing new technologies
Responsive to customer operating problems

PARTNERSHIP
50 contractors based globally
Expertise in chemical & corrosion issues
Industry wide experience

PERFORMANCE
Products proven in many industries
Independently tested
Backed by global contractor network
Developed by experienced R&D chemists

Resimac Summary

PRODUCT
Underwater curing solvent free epoxy
Flexible
High build - single coat application
Surface tolerant
Cures at low temperature

APPLICATIONS
Corrosion protection
Concrete & metal surfaces
Flexible gap filling

COMPANY
Formed in 2009
Based in the UK
Export to 45 countries
50 contractors globally

FOCUS
Abrasion, wear & impact
Chemical attack
Corrosion protection
Waterproofing
Thermal protection
High temperature protection