

FutureWrap Aquasplash™

Designed and manufactured in Aberdeen, UK; FutureWrap Aquasplash was developed for the repair of all topside and subsea pipework, pipelines (all components), caissons and risers and is based on a glass cloth and a two-part ambient cure epoxy resin. Due to its excellent adhesion strength even in the presence of water, FutureWrap Aquasplash can seal through-wall defects and re-instate the integrity of the damaged/corroded pipework.

The technical specification is based on the qualification requirements of **ISO 24817**.

Repair System	Glass Aquasplash
Applications	Pipework, pipelines (All components), caissons and risers.
Defects	Internal, external, through wall
Fibre Type	E-glass - tri-axial stitched cloth (0°/45°/-45°)
Resin Type	Epoxy resin (two part) – Ambient Cure
Maximum Design Temperature (°C)	62
Maximum Design Pressure (Through Wall Defect) (bar)	75
Maximum Design Pressure (Non-through Wall Defect) (bar)	350
Modulus (0°) (GPa)	21
Modulus (90°) (GPa)	8.9
Poissons Ratio (0°)	0.5
Poissons Ratio (90°)	0.21
Shear Modulus (GPa)	2
Thermal Expansion Coefficient (0°) (mm/mm/°C*10 ⁻⁶)	26
Thermal Expansion Coefficient (90°) (mm/mm/°C*10 ⁻⁶)	35
Design Allowable Strain (0°) (mm/mm)	0.004
Design Allowable Strain (90°) (mm/mm)	0.004
Energy Release Rate (J/m ²)	556.9
Cure Time (hrs)	24
Chemical Resistance	3<pH<10