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TECHNICAL DATA SHEET

TriPatch® Repair & Maintenance Epoxy Patching System

Description

TriPatch® is a wraparound adhesive patching system for emergency or permanent waterproof repairs.

Benefits

- Installs in minutes under adverse conditions. Total down time typically 30 minutes
- No special tools or heating required
- Ideal for emergency repairs to damages pipes, hoses and flat surfaces
- Fully waterproof to IP68
- Operates to 90°C
- Excellent adhesions and sealing to most metals, plastics and rubbers

Typical Properties

Curing (measurements at 23°C)

Work life: 5 – 10 minutes
Time to handling: 15 minutes
Time to full cure: 2 hours

Physical Properties

Degree of protection:	IP68
Tensile Strength:	80MPa
Tensile Modulus:	750MPa
Hardness:	70D
Lap shear strength	
- to Steel	3500N/25mm
- to Aluminium	4000N/25mm
- to Copper	3000N/25mm
Peel strength	
- to Steel	25N/25mm
- to Aluminium	30N/25mm
- to Copper	30N/25mm
- to PVC	15N/25mm
- to EPDM	20N/25mm
- to High voltage cable jacket	15N/25mm
- to Heat shrink tubing/sleeve	20N/25mm

Thermal aging: Withstand 6 bar pressure after 168 hours at 80°C
Resistance to water: Withstand 6 bar pressure after 168 hours at 23°C in water
External fluid resistance to: Mineral oils, synthetic oils, lubricating oils, hydraulic fluids, petrol, Diesel fuel, antifreeze, battery acid

Colour

Available in red, blue, black or white

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