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Technical Data Sheet

TriPatch

Repair and Maintenance Epoxy Patching System

Description

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

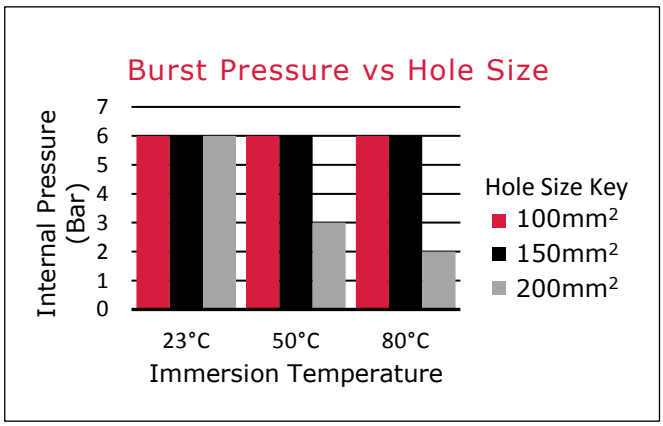
Benefits

- 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
- Good fluid resistance to chemicals, oils and fuels

Typical Properties

Curing

*Work life at 23°C:	3 – 5 minutes
Time to handling at 23°C:	15 minutes
Time to full cure at 23°C:	2 hours



Typical properties *(cured for 2hours at ambient temperature measurements taken at ambient temperature)*

Degree of protection:	IP68
Tensile Strength:	80 MPa
Tensile Modulus:	750 MPa
Hardness:	>70 D
Fluid resistance:	Mineral oils, synthetic oils, lubricating oils, hydraulic fluids, petrol and diesel fuel, antifreeze, battery acid
Resistance in water:	168 hours at 23°C Withstands 6 bar pressure

Lap Shear Strength

To Steel:	3.5 kN/25mm
To Aluminium	4 kN/25mm
To Copper	3 kN/25mm

Peel Strength

To Steel:	25N/25mm
To Aluminium:	30N/25mm
To Copper:	30 N/25mm
To PVC:	15 N/25mm
To EPDM:	20 N/25mm
To High voltage cable/jacket:	15 N/25mm
To Heat shrink tubing/sleeve:	20 N/25mm

Thermal Shock/Aging

168 hours at 80°C:	Withstands 6 bar pressure

Resintech Limited warrants that the typical properties where stated are to be considered as representative of the named product and should not be treated as specifications. * denotes test on batch acceptance basis. While the information presented is believed to be true and reliable different batches, conditions and applications yield differing results. As a result, the customer is solely responsible for evaluating the product and determining its suitability for their intended use. Resintech Limited cannot accept any responsibility for loss or damage that may result from improper application.

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TriPatch

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Colour

Red, white and black. Other colours can be made to special order.

Storage and Shelf Life

Store under normal conditions of 15°C to 30°C in the original, unopened packaging, out of direct sunlight.
Use within two years from the date of manufacture.

Related Products

- RT125 flexible high performance epoxy adhesive

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