

PRODUCT DATA SHEET



STOPAQ® UNIVERSAL REPAIR KIT

Product Information

Product description:

Stopaq® Universal Repair Kit (URK) is a repair kit for pipeline coatings used in various applications. The kit consists of:

- Stopaq[®] Paste CZ
 Stopaq[®] Wrappingband CZ
 Stopaq[®] URK Bitumen Patch

Stopaq® Paste CZ and Stopaq® Wrappingband CZ are used for corrosion prevention and sealing of bare metal pipeline parts. See specific Product Data Sheet for further information.

Stopag® URK Bitumen Patch is a hot applied glass fibre and polyester mesh reinforced SBS bitumen foil, supplied in pre-cut patches, used as mechanical protective repair patch for pipeline coatings.

Features:

- · Excellent adhesion to factory applied pipeline coatings like PE, PP and Bitumen
- Excellent impact and indentation resistance

- · Versatile pipeline coating repair system
- Fast and easy to apply

Application examples

Pipeline coating repair: Repair of small damages to PE, PP and Bitumen pipeline coatings.

Pin-brazes: Coating of pin-brazes for Cathodic Protection systems on PE, PP and Bitumen pipeline coatings.

Product properties	of Stopag [®] URK Bitumen Patch
Thickness	3.8 mm
Colour	Black / grey
Temperature range	Operational: max. +30°C
Peel strength to	Tested @ +23°C (ISO 21809-3):
plant coating PE	Bitumen: ≥ 0.2 N/mm
	PE: ≥ 0.2 N/mm
	– PP: ≥ 0.2 N/mm
Peel strength to	Hot water immersion 28 days @ +30°C and
plant coating PE	tested @ +23°C (ISO 21809-3):
after hot water	Bitumen: ≥ 0.2 N/mm
immersion	PE: ≥ 0.2 N/mm
	– PP: ≥ 0.2 N/mm
Lap shear strength	Tested @ +23°C (ISO 21809-3):
to plant coating PE	Bitumen: ≥ 0.05 N/mm²
	 PE: ≥ 0.05 N/mm²
	 PP: ≥ 0.05 N/mm²
Tensile strength	≥ 10 N/mm
Elongation	≥ 25%

Properties of complete coating system		
Thickness	Total: ≥ 6.3 mm	
Impact resistance	Tested with 15 J @ +23°C (ISO 21809-3):	
	 No holidays @ 25 kV 	
Indentation	Tested with indentation pressure of 1.0 N/mm ²	
resistance	@ +23°C (ISO 21809-3):	
	 No holidays @ 25 kV 	
	 Residual thickness ≥ 0.6 mm 	
Cathodic	Tested @ +23°C (ISO 21809-3):	
disbondment	 Disbondment ≤ 20 mm 	
resistance		

Application instruction - Brief version

See specific application instructions as provided by Stopaq B.V. e.g. for coating repair, pin-brazes, etc.

General order information		
Product		Stopaq [®] Universal Repair Kit is supplied in
		cardboard boxes.
	Art. Nr.:	
	1101	
		 2 sheets of Stopaq[®] Paste CZ, 2 kg
		 3 sheets of Stopaq[®] Wrappingband CZ
		app. 300mm x 500mm
		 12 pcs. Stopaq[®] URK Bitumen Patch app.
		300mm x 500mm
Handling		Handle with care. Keep boxes upright.
Storage		Store indoor, clean and dry, away from direct
		sunlight in a cool place below +30°C.
		Unlimited shelf life.

Information	
Documentation	Extensive information is available on our website. Application instructions and other documentation can be obtained by contacting our head office, from our local distributor or by sending email to info@stopaq.com
Certified staff	Application of the described coating system should be carried out by certified personnel.



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