

## 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.

Stopaq® 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

#### Benefits:

- 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 Stopaq® URK Bitumen Patch

<b>Thickness</b>	3.8 mm
<b>Colour</b>	Black / grey
<b>Temperature range</b>	Operational: max. +30°C
<b>Peel strength to plant coating PE</b>	Tested @ +23°C (ISO 21809-3): – Bitumen: ≥ 0.2 N/mm – PE: ≥ 0.2 N/mm – PP: ≥ 0.2 N/mm
<b>Peel strength to plant coating PE after hot water immersion</b>	Hot water immersion 28 days @ +30°C and tested @ +23°C (ISO 21809-3): – Bitumen: ≥ 0.2 N/mm – PE: ≥ 0.2 N/mm – PP: ≥ 0.2 N/mm
<b>Lap shear strength to plant coating PE</b>	Tested @ +23°C (ISO 21809-3): – Bitumen: ≥ 0.05 N/mm <sup>2</sup> – PE: ≥ 0.05 N/mm <sup>2</sup> – PP: ≥ 0.05 N/mm <sup>2</sup>
<b>Tensile strength</b>	≥ 10 N/mm
<b>Elongation</b>	≥ 25%

### Properties of complete coating system

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

### 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

<b>Product</b>	Stopaq® Universal Repair Kit is supplied in cardboard boxes.
<b>Art. Nr.:</b> 1101	<u>Product dimensions and contents:</u> Stopaq® URK, comprises: – 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
<b>Handling</b>	Handle with care. Keep boxes upright.
<b>Storage</b>	Store indoor, clean and dry, away from direct sunlight in a cool place below +30°C. Unlimited shelf life.

### Information

<b>Documentation</b>	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 <a href="mailto:info@stopaq.com">info@stopaq.com</a>
<b>Certified staff</b>	Application of the described coating system should be carried out by certified personnel.