

STOPAQ® WRAPPINGBAND EZR

Product Information

Product description: Stopaq® Wrappingband EZR is a unique, cost-effective product intended to be used for a wide range of structural applications in atmospheric conditions where water ingress and/or corrosion is a problem. Stopaq® Wrappingband EZR is easy to install and offers excellent sealing and corrosion prevention. The material contains a reinforcement mesh and has a non-woven top layer that allows for immediate coating after installation. Stopaq® Wrappingband EZR shows excellent adhesion properties without extensive surface pre-treatment to various substrates like steel, PE, PP, epoxies, polyurethanes, PVC, etc. The material does not cure and can be cold-applied.

Stopaq® Wrappingband EZR is engineered for use in many sealing applications against the ingress of water, and for use in corrosion preventing applications. The product offers a long-term performance in e.g. commercial, residential, utilities, telecommunications, transportation, electrical, water, wastewater, agricultural, and industrial uses.

The recommended top coat for Stopaq® Wrappingband EZR is Stopaq® EZ Topcoat. Other types of top coats may be used e.g. 2-component polysiloxanes, epoxies and polyurethanes, or 1-component waterborne acrylics. Please consult Stopaq B.V. for additional information.

Features:

- Compound based on pure homopolymer Polyisobutene
- Controlled cold flow providing permanent inflow into the finest pores of the substrate
- Resistant to low temperatures without getting brittle
- Conforms to irregular shapes
- Low surface tension; adheres on many types of dry substrates at a molecular level
- Surface tolerant: no blasting techniques required, wire brushing is sufficient (ISO 8501-1: St 2)
- Constant film thickness
- Adhesion based on vanderWaals forces
- Inert to ageing and weathering
- Resistant to many chemicals like water, salts, acids, alkalis, polar solvents, etc. For additional information, please consult Stopaq B.V.

Benefits:

- Safe to use. No physical, health or environmental hazards.
- Fast and easy field application
- Can be moulded onto various types of irregular shaped objects
- No osmosis or underfilm migration of moisture

Application examples

Roof sealing: For waterproof sealing of roofs.

Steel structures: For atmospheric corrosion prevention of e.g. steel beams, profiles, panels, etc.

Product properties of Stopaq® Wrappingband EZR

Colour	Green
Thickness	1,4 mm ± 10 % [55 mils] ^{A)}
Density	1,5 ± 0,1 g/cm ³ [12,5 ± 0,8 lbs/gal] (ISO 1183-1)
Temperature ranges	Operational: -45 °C to +70 °C [-49 °F to +158 °F] Short term: +90 °C [+194°F]
Drip resistance	Tested 48h @ +130 °C [+266 °F] ^{A)} : – No dripping of compound
Adhesion	Peel tests on carbon steel (Sa 2½, St 3, and St 2) and coatings like PP, PE, and Epoxies ^{A)} . Results on all substrates: – Cohesive separation, no evidence of adhesive failure – ≥ 95% coverage of surface

^{A)} Tested in accordance with methods as described in ISO 21809-3:2016

General order information

Product	Stopaq® Wrappingband EZR is available in rolls of various widths and lengths: <u>Art. Nr.:</u> <u>Product dimensions and contents:</u> 6426 300mm x 10m; 2 pcs/box; 80 pcs/pallet Other sizes on request.
Handling	Handle with care. Keep boxes upright.
Storage	Store indoor, clean and dry, away from direct sunlight in a cool place below +45°C [113 °F]. Unlimited shelf life.

Application instruction - Job preparation	
Tools, equipment and auxiliaries	<ul style="list-style-type: none"> – Temperature probe, Dew point tester, High voltage holiday tester – Scissors, Knife, Measuring tape, Steel roller – Abrasive cleaning pads, Wire brushes – SFL™ Cleaning Wipes, SFL™ Substrate Cleaner, or Isopropyl alcohol, cas. nr. 67-63-0 – Personal protective gear
Top coats	Stopaq® EZ Topcoat is recommended for use with Stopaq® Wrappingband EZR. Other types of topcoats may be used, please consult Stopaq B.V. for further information.
Additional coating materials	Depending on type of application, various additional Stopaq® materials may be required. Please consult Stopaq B.V. for further information.
High humidity	Stopaq® Wrappingband EZR can be applied in a humid atmosphere. The substrate must be free from condensing water which can be reached by keeping the temperature at least 3 °C [6 °F] above dew point.
Work area and substrate	The substrate must be dry, clean and protected against negative weather influences.
Product conditions	Stopaq® Wrappingband EZR must be dry and the temperature should preferably be between +20 °C and +40 °C [+68 °F to +104 °F] for the ease of application.

Application instruction - Surface preparation	
General	The area to be coated must be clean, dry, and free from oil, grease and dust. All contamination including mill-scale must be removed.
Degreasing	Degrease surfaces with SFL™ Cleaning Wipes, or with SFL™ Substrate Cleaner or Isopropyl alcohol and a lint-free cloth.
Preventing condensation of water	Prior to and during the application, the temperature of the substrate(s) must be at least 3 °C [6 °F] above the dew point.
Substrate temperature	Temperature of the substrate should preferably be between +20°C and +40°C [+68 °F to +104 °F] for fast and easy application. Preheating may be required.
Carbon Steel	Prepare steel surface to a minimum cleanliness grade of St 2 / St 3 in accordance with ISO 8501-1. A smooth surface is recommended for fast and proper adhesion, a coarse surface profile is not desirable.
Other substrates	De-gloss and degrease the surfaces with SFL™ Cleaning Wipes, or with SFL™ Substrate cleaner or Isopropyl alcohol and an abrasive cleaning pad.
Cleanliness check	Take a piece of Wrappingband of ± 150 mm [6"] length, remove the release foil and fold it back for about 25 mm [1"]. Put the Wrappingband onto the surface, press it firmly and leave it for 5 minutes. Pull the Wrappingband from the substrate with an angle of app. 135 deg. and a speed of 100 mm/min [4"/min]. Cohesive separation mode should occur and coverage of the surface with remaining material should be ≥ 95%. If this is less, surface cleaning is insufficient. At too low substrate temperatures this test may not be successful. Preheat the substrate to preferred temperature and repeat the test.

Application instruction – Brief version	
See specific Stopaq coating instructions for e.g. steel beams, roof tops, etc.	
Application	Apply the pre-cut material onto the clean substrate. This can be done by rolling-out the material for large open areas and post-roll the applied material with a heavy steel roller. Remove the release liner just prior to application to the surface, such to avoid contamination of the adhesive surface and premature adhesion to the substrate. For small areas and details, pre-cut the material and apply it by hand and press the material firmly to the substrate with the help of a roller. A minimum overlap of 10 mm [$\frac{3}{8}$ "] is required. The overlaps will be visible in the finished system.
Inspection	After installation the Stopaq® Wrappingband EZR must be inspected. The appearance must look smooth and should be shaped tight around all details. When applied on steel substrates, holiday detection can be carried out with a voltage of 15 kV using a brush probe.
Top coat application	After installation and inspection of Stopaq® Wrappingband EZR, the recommended top coat can immediately be applied in the recommended dry film thickness

Handling and commissioning	
Exposure to loads	Objects coated with Stopaq® Wrappingband EZR should not be exposed to loads e.g. from supports- or lifting equipment. To avoid damage from foot traffic on large surfaces, wear clean shoes with smooth soles.
Commissioning	Commissioning is possible immediately after completion of the coating application. Consult data sheets for specific instructions of additional materials used.

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



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DISCLAIMER: Seal For Life Industries warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the technical data sheet when used in compliance with Seal For Life Industries' written instructions. Because many installation factors are beyond the control of Seal For Life Industries, the user shall determine the suitability of the products for the intended uses and assume all risks and liabilities in connection herewith. Seal For Life's liability is stated in its General Terms and Conditions of Sale. Seal For Life Industries makes no other warranty either express or implied. All information contained in this technical data sheet is to be used as a guide and is subject to change without notice. This technical data sheet supersedes all previous data sheets on this product.