

STOPAQ® WRAPPINGBAND EZHT

Product Information

Product description: Stopaq® Wrappingband EZHT is a unique, cost-effective product that is designed for high temperature applications. It is intended for use in a wide range of structural applications in atmospheric conditions where water ingress or corrosion is a problem. It offers a long-term performance in e.g. commercial, residential, utilities, telecommunications, transportation, electrical, water, wastewater, agricultural, and industrial uses. It 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. The material does not cure and can be cold-applied. It has excellent adhesion to various substrates like steel, PE, PP, epoxies, and polyurethanes without the need for extensive surface pre-treatment.

The recommended top coat for Stopaq® Wrappingband EZHT 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 contact Stopaq B.V. for additional information.

Features and benefits:

- Compound based on pure homopolymer Polyisobutene
- Controlled cold flow providing permanent inflow into the finest pores of the substrate
- Resistant to high temperatures
- Conforms to irregular shapes
- Low surface tension; adheres on many types of dry substrates at a molecular level
- Adhesion based on vanderWaals forces
- Surface tolerant - e.g. for steel substrates blasting techniques are not required, wire brushing is sufficient (ISO 8501-1: St 2)
- Constant film thickness
- Inert to ageing and weathering
- No osmosis or underfilm migration of moisture
- Resistant to many chemicals like water, salts, acids, alkalis, polar solvents, etc. For additional information, please contact Stopaq B.V.
- Safe to use. No physical, health or environmental hazards
- Fast and easy field application
- Can be moulded onto various types of irregular shaped objects

Application examples

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

Roof top sealing: For waterproof sealing of ducts through roof tops, e.g. vents, chimneys, and exhausts. The material is also suitable for sealing of seams, voids, cracks, etc.

Tank chime sealing: As waterproofing skirt in tank base chime areas.

Product properties of Stopaq® Wrappingband EZHT

Colour	Green
Thickness	2,0 ± 0,2 mm [80 ± 8 mils]
Density	1,5 ± 0,1 g/cm ³ [12.5 ± 0.8 lbs/gal] (ISO 1183-1)
Mass per unit area	3,0 ± 0,3 kg/m ² [0.61 ± 0.06 lbs/sq.ft]
Temperature ranges	Thermal resistance: +115 °C [+239 °F] Operational: -45 to +95 °C [-49 to +203 °F]
Drip resistance	Tested 48h @ +145 °C [+293 °F] ^{A)} : – No dripping of compound
Adhesion	Peel tests on carbon steel (Sa 2½, St 3, and St 2) and coatings like PP 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 EZHT is available in Rolls, packed in cardboard boxes:
Art. Nr.:	Product dimensions and contents:
69020-01000	50mm x 10m [2" x 33'], 12 rolls/box, 360 rolls/pallet
69021-01000	100mm x 10m [4" x 33'], 6 rolls/box, 180 rolls/pallet
69023-01000	200mm x 10m [6" x 33'], 2 rolls/box, 96 rolls/pallet
69024-01000	300mm x 10m [8" x 33'], 6 rolls/box, 80 rolls/pallet
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, Roller – Abrasive cleaning pads, Wire brushes – SFL™ Cleaning Wipes or Isopropyl alcohol, cas. nr. 67-63-0 – Personal protective gear (if applicable)
Additional coating materials	Stopaq® Wrappingband EZHT requires application of a topcoat like Stopaq® EZ Topcoat. In case Stopaq® Wrappingband EZHT is applied over concrete surfaces, application of SFL™ EP Primer is required.
Work area and substrate	The substrate must be dry, clean and protected against negative weather influences.
Product conditions	Stopaq® Wrappingband EZHT must be dry and the temperature should preferably be between +20 °C and +50 °C [68 to 122 °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 Isopropyl alcohol and e.g. a lint-free cloth.
Substrate temperature	Prior to and during the application, the temperature of the substrate(s) must be at least 3 °C [6 °F] above the dew point. Temperature of the substrate should preferably be not less than +30 °C [86 °F] for fast and easy application. Adhesion is obtained faster at higher temperatures. 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 Isopropyl alcohol and an abrasive cleaning pad.
Cleanliness check	Take a piece of Stopaq® Wrappingband EZHT of approx. 150 mm [6"] length, remove the release liner 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 ° 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 preparation 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, profiles, etc.	
Application	Cut Stopaq® Wrappingband EZHT to the required size. Leave the release liner on the product until it is applied to the surface, this to avoid contamination of the adhesive surface and premature adhesion to the substrate. Apply it by hand and press the material firmly to the substrate with the help of a roller. When consecutive strips of material are applied side-by-side, a minimum overlap of 10 mm [3/8"] is required. The overlaps will be visible in the finished system.
Inspection	After installation the Stopaq® Wrappingband EZHT 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.
Application of topcoat	After installation and inspection of Stopaq® Wrappingband EZHT, 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 EZHT should not be exposed to loads e.g. from supports- or lifting equipment.
Immersion or burying	Commissioning is possible immediately after completion of the coating application. See data sheets of additional coating materials for specific instructions.

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 an email to info@sealforlife.com
Certified staff	Application of the described coating system should be carried out by certified personnel.



Seal For Life Industries - Stopaq B.V.
Stadskanaal, the Netherlands
Tel: +31 599 696 170

Seal For Life Industries BV
Westerlo, Belgium
Tel: +32 14 722 500

Seal For Life Industries US LLC
San Diego, USA
Tel: +1 858 633 9785

Seal For Life Industries Mexico
S de R.L. de C.V.
Tijuana, Mexico
US Tel: +1 858 633 9785
MX Tel: +52 664 647 4300

Seal For Life India Private Ltd.
Baroda, India
Tel: +91 2667 264 721

Further information is available on our website www.sealforlife.com, or by sending an inquiry to info@sealforlife.com

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.