INNOVATIVE SOLUTIONS | SUPERIOR COATINGS | ENDURING PROTECTION

PRODUCT DATA SHEET

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STOPAQ® WRAPPINGBAND EZ

Product Information

Product description: PIB Wrappingband EZ 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. PIB Wrappingband EZ 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. PIB Wrappingband EZ 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.

PIB Wrappingband EZ 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 PIB Wrappingband EZ is 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 IESG Solutions Inc 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
- 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 consult IESG Solutions Inc.

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

Application examples

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

Rooftop 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 PIB Wrappingband EZ

Colour	Green
Thickness	2,0 ± 0,2 mm [80 ± 8 mils] [A)]
Density	1,5 ± 0,1 g/cm³ [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		PIB Wrappingband EZ is available in rolls of various widths and lengths: Product dimensions and contents:
	Art. Nr.:	
	10SPEZ0204	100mm x 10m; 6 pcs/box; 180 pcs/pallet
	10SPEZ0206	150mm x 10m; 6 pcs/box; 128 pcs/pallet
	10SPEZ0208	200mm x 10m; 2 pcs/box; 96 pcs/pallet
	10SPEZ0212	300mm x 10m; 2 pcs/box; 80 pcs/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	– 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	EZ Topcoat is recommended for use with Wrappingband EZ. Other types of topcoats may be used, please consult IESG Solutions Inc for further information.
Additional coating materials	Depending on type of application, various additional materials may be required. Please consult IESG Solutions Inc for further information.
High humidity	PIB Wrappingband EZ 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	PIB Wrappingband EZ 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 PIB Wrappingband EZ 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 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 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 [⅜″] is required. The overlaps will be visible in the finished system.
Inspection	After installation the PIB Wrappingband EZ 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 PIB Wrappingband EZ, the recommended top coat can immediately be applied in the recommended dry film thickness.

Handling and commissioning	
Exposure to loads	Objects coated with PIB Wrappingband EZ 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 **technical@iesgsolutions.com**
Certified staff	Application of the described coating system should be carried out by certified personnel.