

STOPAQ® WRAPPINGBAND CL

Product Information

Product description: Stopaq® Wrappingband CL is a non-crosslinked, non-crystalline, monolithic viscous polymer based, prefabricated wrap coating with cold flow, visco-elastic properties. Stopaq® Wrappingband CL is a corrosion preventing wrap material, adhering extremely well to wet surfaces such as bare - or coated – steel pipelines suffering from condensing water. Stopaq® Wrappingband CL is viscous at the indicated operating temperatures and, due to its liquid nature, flows into all irregularities of the substrate. The compound does not cure and is unable to build up internal stress.

Stopaq® Wrappingband CL is applied as elementary part of Stopaq® Coating Systems and requires additional mechanical protective layers like Stopaq® Outerwrap and Stopaq® Outerglass Shield. This improves impact and indentation resistance of the coating system and ensures adequate performance of the corrosion preventing properties.

Features:

- Controlled cold flow providing permanent inflow into the finest pores of the substrate
- Resistance to low temperatures without getting brittle
- Conforms to irregular shapes
- Low surface tension; adheres on many types of wet 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

Benefits:

- Environmentally friendly, no health and safety hazards to humans
- Fast and easy to apply, even on wet surfaces
- Easy to control application
- Can be moulded onto various types of irregular shaped objects

Application examples

Coating repair of sweating pipelines: For protection against external corrosion of steel pipelines situated in environments with high relative humidity.

Product properties Stopaq® Wrappingband CL

Colour	Dark green (compound)
Thickness	2.0 mm
Density	1.3 – 1.4 g/cm ³
Temperature ranges	Operational: -20 to +50°C Substrate during application: +5 to +40°C
Drip resistance	Tested 48h@+85°C ^{A)} : No dripping of compound
Peel strength test	Tested on steel (dry, wetted with fresh water, and wetted with 3% NaCl), St 2 / St 3 prepared surface @ +23°C and @ +50°C ^{A)} : – Cohesive failure, no evidence of adhesive failure
Lap shear test	Tested on steel (dry, wetted with fresh water, and wetted with 3% NaCl), St 2 / St 3 prepared surface @ +23°C and @ +50°C ^{A)} : – Cohesive failure, no evidence of adhesive failure

^{A)} According to ISO 21809-3:2008/Amendment 1:2011

General order information

Product	Stopaq® Wrappingband CL is available in rolls with following dimensions (W x L): 100mm x 10m; 6 pcs/box; 180 pcs/pallet 200mm x 10m; 2 pcs/box; 96 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. Unlimited shelf life.

Application instruction: Preparation		Application instruction: next steps	
Tools, equipment and auxiliaries	<ul style="list-style-type: none"> - Surface preparation tools: Wire brush (power tool), preferably Monti® MBX Bristle Blaster. - Scissors, Knife, Measuring tape - Personal protective gear 	Visual inspection	The applied Stopaq® Wrappingband CL must look smooth and should cover all details.
Additional mechanical protective materials	<p>The following Stopaq® materials are needed for completing the installation of the Stopaq® Coating System:</p> <ul style="list-style-type: none"> - Stopaq® Outerwrap (various types available e.g. PVC, PE) - Stopaq® Outerglass Shield (various types available) - Stopaq® Compression Foil - UV-reflective coating compatible with Outerglass Shield 	Exposure to loads	Objects coated with Stopaq® Wrappingband CL should not be exposed to loads e.g. from supports- or lifting equipment.
Working conditions	The ambient and surface temperature during application should be > +5°C	Mechanical protection	Stopaq® Wrappingband CL must be protected against impacts, indentations, pressure and other influences within the shortest period of time possible after finishing application. This is obtained by subsequent application of Stopaq® Outerwrap and Stopaq® Outerglass Shield. See specific application instructions.

Application instruction: Surface preparation	
Substrate conditions	All substrates must be free from contamination. Biological growth, loose rust, loose remainders of old coating, oil, grease and other adhering matter need to be removed. Water jetting equipment may be used to obtain a sufficient clean substrate. The substrate does not have to be dry, presence of condensing water is allowed.
Start and end sections of application area	Start and end section of the area to be coated should be cleaned to bare steel, preferably with Monti® Subsea Bristle Blaster tool. Roughness profile is not essential for adhesion. Other areas of steel substrate should at least be prepared according to St 2 (ISO 8501-1). Areas with existing coating should be cleaned and deglossed.

Application instruction: Brief version	
Wrapping	Start with removal of a small part of the release liner and apply the Stopaq® Wrappingband CL onto the substrate. Apply Stopaq® Wrappingband CL by moulding it to the substrate and minimize air- and water entrapment underneath the Wrappingband. Avoid strong pulling force on the roll of material and/or the Stopaq® Wrappingband CL.
Release foil	Do not remove the release foil completely before application of the Wrappingband. Remove just prior to application of the Wrappingband to the surface.
Overlap of wraps	Side-by-side overlap: ≥ 10 mm Consecutive rolls: ≥ 100 mm
Specific coating applications	See specific Stopaq® Coating System instructions for further details.

Stopaq® information	
Documentation	Extensive information is available on our website. Application instructions, "Stopaq® Technical Standard" and other documentation can be obtained from our head office, from our local distributor or by email to info@stopaq.com
Certified staff	The application of Stopaq® coating systems should always be carried out by certified personnel.



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