

WrapidBond®

Anti-corrosion system for protection of steel substrates

Product Description



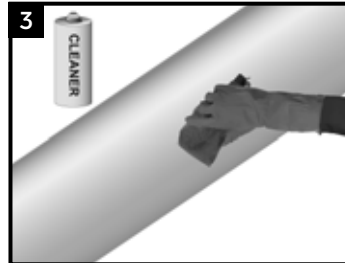
WrapidBond® is typically shipped in bulk rolls and is protected from damage and contamination by an inner roll core and a special release liner. WrapidCoat® products are supplied separately.

Equipment List

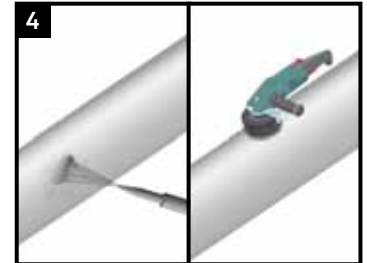


Appropriate tools for surface abrasion (wire brush, grit blaster); Standard safety equipment; gloves, goggles, hard hat, etc; Power wire brush, grinder, abrasive paper; Knife, rags

Surface Preparation



Clean exposed steel and adjacent pipe coating with cleaner to remove the presence of oil, grease, and other contaminants if present. Ensure that the pipe is dry prior to mechanical cleaning.



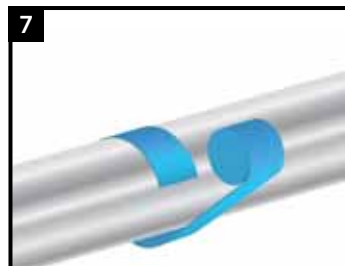
The steel surface should be cleaned using a power wire brush to a minimum St 2 finish prior to coating application. Severely contaminated surfaces should be thoroughly cleaned by abrasive blasting to a "medium blast" Sa 2 surface. Factory coating edges should be abraded for a minimum width of 150 mm from the cutback edge or tie-ins to existing coatings using abrasive paper or a grinder with a 40-60 grit flapwheel disc and should be beveled to eliminate the vertical edge.

Product Use Recommendation Chart

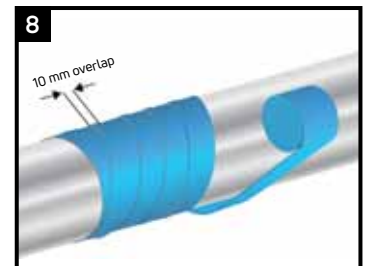
6	Pipe O.D.	Width
	< 150 mm (6")	50 mm (2")
	> 150 mm (6")	100 mm (4")
	> 400 mm (16")	150 mm (6")
	Field Joints Straight Wrap	200 mm (8")

Choose product width based on pipe diameter and type application using the above chart as a guideline. Project requirements and applicator preference may specify alternate widths. Product width may vary based on application type (spiral vs straight wrap).

Product Application - Spiral Wrap

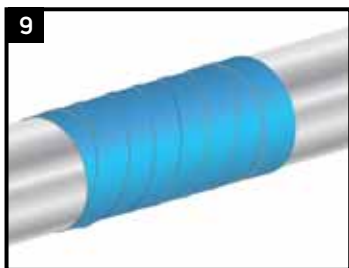


Start by first wrapping WrapidBond® with one full circumferential wrap around the pipe at a 90° angle, overlapping the tie-in or factory coating by a minimum of 100 mm.

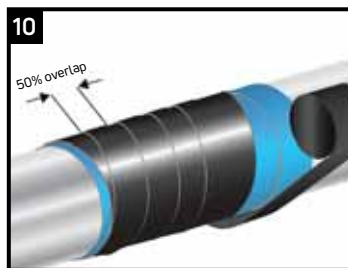


Apply subsequent wraps with a minimum overlap of 10 mm (or as otherwise specified), and with a 50% overlap over girth-weld areas. Press or roll lightly over the entire coated area.

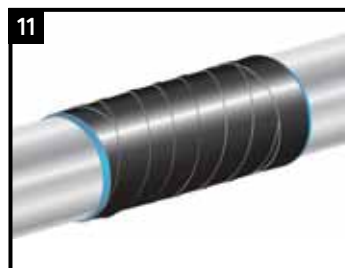
Outer Wrap - WrapidCoat®



Continue application with light to moderate tension. Finish with a full circumferential wrap applied at 90° to the pipe length, overlapping any adjacent existing coatings by a minimum of 100 mm.



Start by first wrapping WrapidCoat® PVC or PE with one full circumferential wrap around the pipe at a 90° angle, leaving ~ 3mm (1/8") of WrapidBond® exposed. Continue application with a 50% overlap at moderate tension.



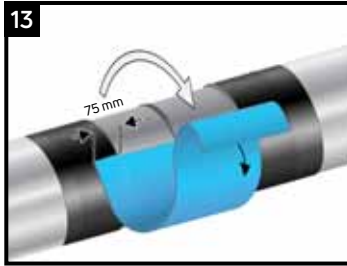
End with a full circumferential wrap applied at 90° to the pipe length.

Product Application - Straight Wrap- Field Joint

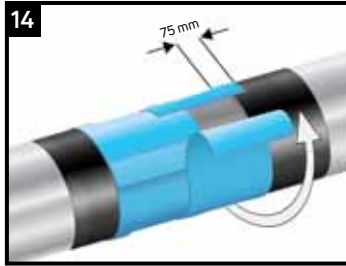


Measure the circumference of the pipe and cut two (2) lengths of WrapidBond® at a length equal plus 75mm (3"). For wide cutbacks, additional wraps may be required.

Application - WrapidBond®

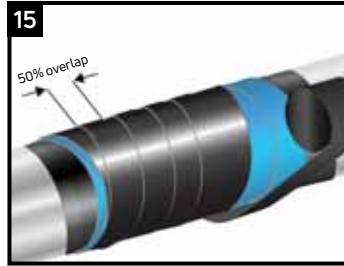


Recommended to start at the 2 o'clock or 10 o'clock position, wrap the first length circumferentially around the pipe overlapping the mainline coating by a minimum of 75 mm (3") and with one edge completely covering the weld bead plus 25mm (1") beyond the edge of bead. Press or roll lightly over the coated area.

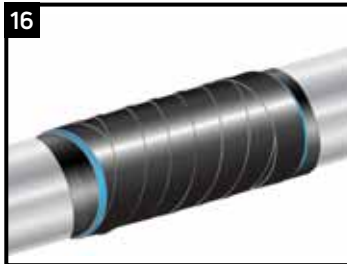


Starting at the opposite 2 o'clock or 10 o'clock position, wrap the second length circumferentially around the pipe overlapping the first length by a minimum of 50mm (2") such that 2 layers of WrapidBond® completely cover the weld bead and overlap the mainline coating by a minimum of 75 mm (3"). If more than one width of WrapidBond® is to be used, overlap adjoining pieces by a min 50 mm (2"). Press or roll lightly over the coated area.

Outer Wrap Application - WrapidCoat®



Apply the first layer circumferentially around the pipe at a 90° angle, leaving ~ 3mm (1/8") of WrapidBond® exposed. Continue application with a 50% overlap at moderate tension.



End with a circumferential wrap applied at 90° to the pipe length.

Note:

1. After application of WrapidCoat® PVC or PE, backfilling can be done immediately.
2. If additional Mechanical protection is used, such as Scar-Guard®, backfill can occur once the Scar-Guard® has cured, to a minimum hardness of Shore D 70, the pipe can be backfilled.
3. Straight wrap method can be used on longer section pipe, not just field joint section. Continue with said method sequentially until whole area is coated.

Storage & Safety Guidelines

To ensure maximum performance, store Canusa products in a dry, ventilated area. Keep products sealed in original cartons and avoid exposure to direct sunlight, rain, snow, dust or other adverse environmental elements. Application of Wrapid Bond™ is best at temperature between 15°C-25°C. Product installation should be done in accordance with local health and safety regulations.

These installation instructions are intended as a guide for standard products. Consult your Canusa representative for specific projects or unique applications at info@canuscps.com.

Western Hemisphere

SFL Canusa - WH
4757 93rd Ave NW
Edmonton, Alberta T6B 2T6
Canada

Tel: +1 587-754-8701

Europe

SealForLife Industries
Nijverheidsstraat 13
B-2260 Westerlo
Belgium

Middle East

SFL Canusa Middle East PPTS LLC
KLP5, Block B, Unit B-01,
Sector no.: KHIA8, Al Ma'mourah
PO Box 2621, Abu Dhabi,
The United Arab Emirates

Quality Management system registered to ISO 9001

Canusa warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the installation guide when used in compliance with Canusa's written instructions. Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith. Canusa's liability is stated in the standard terms and conditions of sale. Canusa makes no other warranty either expressed or implied. All information contained in this installation guide is to be used as a guide and is subject to change without notice. This installation guide supersedes all previous installation guides on this product. E&OE

Part No. 99060.197

IG_Wrapid Bond_rev020