

# Polyclad® 975 & 975 H



**A high performance hybrid epoxy coating that is formulated to protect buried steel pipe from corrosion.**

**PRODUCT DETAILS** Polyclad 975 is an advanced 100% solids hybrid epoxy technology that can be applied by spray (plural airless or dual cartridge) or hand applied. Polyclad 975 is easy to apply and provides long term protection for pipelines, girth welds and field repairs. It is compatible with other pipe coatings like FBE, coal tar and tape systems. Polyclad 975 has excellent compatibility with cathodic protection. Cathodic disbondment tested at temperatures up to 176°F (80°C) with excellent results. Easy to apply system used for field applications like girth welds, coating repair and new pipe coating. Quick curing properties allows for quick quality control and backfill of coated pipe.

## APPLICATIONS

### NEW CONSTRUCTION

- Girth Welds
- Fittings
- Specialty Pieces
- Large Diameter Pipe

### Penstocks

### MAINTENANCE

- Field Repair of Coated Pipe
- Field Repair of Damaged Coating
- Repair of Soil Interface Area
- Pipe Racks, Supports & other Misc. Steel

## FEATURES

- › Quick dry to touch (one hour)
- › Fast setting properties results in quick quality control and return to service
- › Excellent cathodic disbondment performance up to 194°F (90°C)
- › Superior adhesion to steel
- › Film build up to 50 mils DFT in one coat
- › Applicator-friendly formulation that can be sprayed or hand applied
- › Compatible with FBE, Polyolefin & Polyurethane coated pipe
- › Easy to repair
- › Environmental friendly product; zero VOC, low odor and low temperature cure
- › Package Options: 20 gal kits & 5 gal kits, 2 liter kits, 1 liter kits, & 750 ml dual cartridges

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## Quality Product Backed by Quality Service

- › Carboline Company has been solving tough corrosion and fireproofing problems since 1947
- › Industrial service centers and sales offices located around the world
- › Over 20 worldwide manufacturing locations with a global network of sales and technical support
- › Industry leading field service and technical engineering support team
- › Certified to ISO 9001

## Reasons To Use Polyclad 975 & 975 H

PERFORMANCE FEATURE	ADVANTAGE	BENEFIT
Fast setting epoxy system	Applicator can conduct quality checks quickly	Allows a crew to coat more area in less time. More joints coated in a day
Superior resistance to cathodic disbondment	Polyclad 975 is very compatible with cathodic protection.	Longer life cycle for the coated steel pipe.
Longer pot life	Longer working time	Applicator flexibility reduces waste and helps make the process more efficient.
High-build (50+ mils in a single coat)	Thick film application allows you to complete a given job in a single coat	Complete any job quicker; reduces man hours, thereby reducing the overall costs

## Convenient Packaging for Hand and Spray Application

POLYCLAD 975 H, HAND APPLICATION	POLYCLAD 975, SPRAY APPLICATION
1 Liter kits (0.26 gal)	750 ml Dual Cartridge
2 Liter kits (0.53 gal)	5 gallon kit
	25 gallon kit

Colors Available are Green, Grey and Blue

1 and 2 Liter Kits for Hand Application



## Cure Schedule for Polyclad 975

SURFACE TEMPERATURE	DRY TO TOUCH	DRY TO HANDLE
35°F(1.7°C)	6 Hours	15 Hours
50°F(10°C)	3 Hours	13 Hours
75°F(24°C)	1 Hour	3 Hours
90°F(32°C)	45 Min	1.5 Hours
105°F(41°C)	25 Min	45 Min



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