

PipeArmor™ 200 is an external coating used to significantly extend the life of new piping systems and to restore and protect existing pipelines against further external corrosion and erosion.

PipeArmor 200 is a specially formulated plural ratio aliphatic polyurea only available from Quest Inspar for use as an exterior pipe coating.

After cure, **PipeArmor 200** provides a durable coating that results in a pipeline system equipped with an impermeable barrier between the original pipe substrate and a surrounding earth or air environment. **PipeArmor 200** won't crack or chalk and is highly resistive to corrosion, erosion and abrasion.

PipeArmor 200, like all Quest Inspar's **PipeArmor™** polyurea products, are formulated with high-quality Dow Company raw components.

FEATURES

- 100% solids: 1:1 ratio plural aliphatic polyurea
- Zero VOCs, CFC's or endocrine disruptors
- Available in white and several standard colors: as well as clear
- The ideal choice when a durable high build coating for interior or exterior applications with excellent UV resistance, color stability and gloss retention is required
- A flexible, resilient, tough, monolithic membrane with good water and chemical resistance
- High temperature stability up to >200°F (93°C)
- Qualifies for USDA incidental food contact applications
- Available with an adhesion enhancing admixture for additional adhesion to inorganic surfaces such as glass, ferrous metals, concrete, etc. Contact technical support at Quest Inspar for specifics

For more information please contact:

Technical Services
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TECHNICAL SPECIFICATIONS

Wet Properties @ 77°F (25°C)

Solids by Volume	100%
Solids by Weight	100%
Volatile Organic Compounds	0 lbs/gal (0g/l)
Theoretical Coverage (DFT)	100 sq ft @ 16 mils/gal
Weight per gallon (approx.)	8.55 lb (3.87 kg)
Number of Coats	1-2
Mix Ratio	1 "A" : 1 "B"
Viscosity (cps) @ 77°F (25°C)	A: 1200 approx. B: 600 approx.
Shelf Life Unopened Containers @ 60-90°F (15°-32°C)	Six Months

Dry Properties @ 55 mils (1.5mm)¹

Tensile Strength ASTM D 638	1835 psi (12.7 mpa) Average
Elongation ASTM D 638	47% Average
Hardness (Shore A)	(0s) 98
ASTM D 2240-81	
Hardness (Shore D)	(0s) 55
ASTM D 2240-81	
Tear Resistance ASTM D 624	365 PLI (63 KN/m)
Service Temperature	-30°F - +200°F (-1°C - +93°C)
Moisture Vapor Transmission ASTM E-96-80	0:018

Curing Schedule 70°F (21°C)

Pot Life	20 ± min
Gel ¹	5 ± min
Tack Free ²	20 ± min
Post Cure ³	24 hours
Recoat	30 min - 12 hours

NOTE: ^{1,2,3} Complete polymerization to achieve final strength can take up to several days depending on a variety of conditions on a variety of conditions.