



# PHYSICAL PERFORMANCE PROPERTIES



## AMES® BLUE MAX® REGULAR GRADE

Ames® Blue Max® is a special blend of adhesive, high strength elastomeric liquid rubber. It is the best technology today for waterproofing in extreme wet situations such as below grade foundations and basement walls. It is high in solids and dries to a tough 1200% elastic membrane that resists cracking and peeling. Blue Max® is impervious to water when applied in a uniform and seamless fashion with adequate millage. Blue Max® is available in a trowel-grade and a sprayable-grade. It dries to a translucent blue color. Water cleanup.

Appearance (cured).....	Blue Liquid Rubber
Appearance (liquid).....	Thick & Cream
PH.....	9.25 - 9.75
Mildew Resistance.....	E21 Excellent
Weight.....	8.4 lbs / gallon D1475
Solvent.....	Water
Odor.....	Mild
Permeability.....	.016 perms ASTM D1653
Elongation.....	Up to 1200% ASTM D2370
Strength.....	Tensile ASTM D-638 14 days 625%
Humidity.....	Best applied at when humidity level is below 50%
Vapor Pressure.....	17.5 at 68°F (20°C)
Boiling Point.....	212°F (100°C)
Freezing Point.....	32° F (0°C)
Freeze/Thaw Stability Test.....	If frozen while in liquid form, may be damaged or solidify. Protect from freezing.
Setting Time D5895.....	Begins drying in 30 minutes to 2 hours.
Viscosity D562.....	3500 - 4500 cps Viscosity Brookfield Spindle #6 @ 100 rpm
Cure Time D5895.....	Continues to cure up to 1 week
Toxicity D4747.....	Non-toxic after curing.
Flash Point.....	1500°F. (estimated) D3278
Coverage Rate.....	Approximately 100 sq. ft. per gallon per coat
VOC Content.....	Less than 1 gram per liter.

**Intertek testing results for suitability of non-metallic products for use in contact with water intended for human consumption test results:**

Mildew Resistant.....	Pass. BS 6920 Part 1 Clause 6
BS 6920: Part 1 clause 5.....	Appearance of water at 40°C. - Pass
BS 6920: Part 1 clause 6.....	Growth of Aquatic Microorganisms - Pass
BS 6920: Part 1 clause 7.....	Non-cytotoxic response at 23°C. - Pass
	Non-cytotoxic response at 40°C. - Pass
BS 6920: Part 1 clause 8.....	Extraction of metals at 40°C. - Pass