

Elastikote™ Waterproofing Technical Specifications



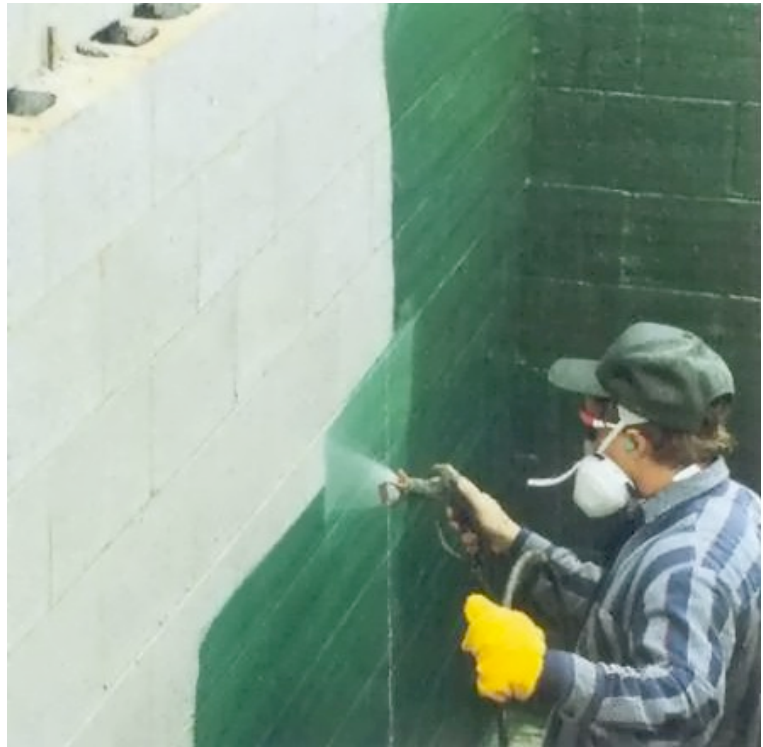
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Elastikote™ Waterproofing is an environmental friendly 100% rubber polymer waterproofing membrane that is unsurpassed in spray-applied waterproofing. The spray application process ensures seamless joint-free protection avoiding any seepage problems.

Elastikote™ Waterproofing is resistant to radon permeation, bacteria, algae, fungus, and chemicals typically found in soil.

Based on independent laboratory tests, *Elastikote™ Waterproofing* has a projected lifespan of more than 100 years.

Elastikote™ Waterproofing is available in both grey and green, and has been laboratory tested. Detailed specifications and technical literature are available on request.



Elastikote™ Waterproofing Technical Specifications

Composition	Hydrocarbon polymers in hydrocarbon solvents, applied membrane.
Colors	Grey or Green
Weight/Gallon	6.98lbs plus/minus 0.3lbs (3/10 ^{ths})
Minimum Temperature for Application	20°F
Application Rate	Masonry Block 20-27 sq. ft./gal. Cast-in-place or Parged Block 25-35 sq. ft./gal.

Property	Test Method	Typical Results
Elongation, %	ASTM D412	1,800% (minimum)
Tensile Strength, psi	ASTM D412	441 psi (minimum)
Low-Temperature Flexibility	Bent around a 0.5" mandrel	Flexible to -20°F
Abrasion Resistance	(Taber Method) using a CS-10 wheel, 500 cycles, 250 gram weight	No delamination; slight scuffing
Asphalt Content	N/A	0.00%
180 Degree Peel Adhesion	ASTM D903	18.6 lb./in. (minimum)
Crack Bridging	ASTM C836	Exceeds 10 cycles to 1/8" at -15°F
Water Content	ASTM D4017	1.9% (max) not to exceed 2.6%
Water Vapor Permeance	ASTM E96 (Water Method)	0.019 perms. Not to exceed 0.24 perms for 40 mil dry coating. (grams/ft ² /hr/in.hg)
Radon Permeation	Radon Permeation Testing (Gregory K. Marsh & Assoc./ Chemical Criteria-Arvada, Colorado) Modified Test Procedure	Rate of Reduction 95% to 99%. (Overlapping rolls of plastic film are not a barrier.)
Resistance to Bacteria	ASTM D4299-83 (modified)	No attack
Resistance to Degradation in Soil	ASTM E154 (soil preparation)	Excellent
Resistance to Algae	ASTM G29-75 (modified)	No attack
Resistance to Fungus	ASTM D2020 (modified)	No attack
Resistance to Chemical Attack	Visual	Unaffected by chemicals in concentrations typically found in soils.
Solvent Resistance	Visual	Exceeds performance of modified asphalts.
Life Expectancy	Arrhenius Projection Theory	Exceeds 100 years.



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