



ABATRON, INC.

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PRODUCT TEST DATA

Product ABOCRETE (Clear)

PROPERTY	TEST METHOD	DATA
Flash Point (Close-cup apparatus) °F; °C	ASTM D 3278	356°F (180°C)
Pull-off Strength	ASTM 4541	2682 psi (18.5MPa)
Pot life time minutes, 100g @ 25°C		30-40 min
Abrasive resistance	ASTM D 4060	0.043g (CS 17/Load 1000/ Cycles 1000)
Coefficient of Friction (Slip Resistance)	ASTM D 1894	3.5
Viscosity, cps	ASTM D 562	1,900
Gloss	TT-P-141C, Method 6101	20° - 55.2 60° - 81.9
Tensile Strength, psi	ASTM D 638	5,800
Elongation, %	ASTM D 638	5.1
Compressive Strength Yield / Modulus, psi	ASTM D 695	14,600 / 335,470
Flexural Strength	ASTM D 790	10,000 (72.40 MPa)
Hardness Shore D	ASTM D2240	79
Chemical Resistance	ASTM D 543	Excellent
% Solids by weight		100%
% Solids by volume		100%
Impact Resistance	ASTM 4226	62.5
Pencil Hardness	ASTM D 3363	3H
Weight per gallon		9.40
VOC (EPA method #24)		0%
Application Temperature: air/surface/material		50-80°F Sanding surface
Application method: brush/roll/spray/etc.		Brush, Roll, Squeegee
Coverage: sq. ft./gal Mils wet/mils dry		80 sq. ft × 20 mil
Solvent		None
Color**		Neutral, Gray, or Custom color
Shelf-life		over 2 years
Primer		None
Substrate		Concrete, Metal, Wood
Heat Resistance	ASTM D 2485	230°F (110°C)
Hardening time		3-10 hours
Tack-free time		2+ hours
UV Resistance		Yes
Flame resistance	ASTM D3801-96e1	Yes
Bond Strength @ 14 Days, psi (Type II)	ASTM C882	2,740

** Properties of different colors may vary.

ASTM REFERENCE DATA

Clear ABOCRETE meets ASTM C881/C881M, Types I, II, Grade 1, Class C.

Light Gray ABOCRETE meets ASTM C881/C881M, Type II, Grade 2, Class C.

Dark Gray ABOCRETE meets ASTM C881/C881M, Types I, II, Grade 2, Class C.

PRODUCT TEST DATA

ABOCRETE (chemical resistance)

Test had gone 3 hours at 72.5°F and 65% of humidity, ASTM D543

Toluene ----- excellent
Sulfuric acid, 3% ----- excellent
Detergent ----- excellent
Ammonium hydroxide, 10% ---- excellent
Hydrochloric acid, 10% ----- excellent
Xylene ----- excellent
Bleach ----- excellent
Salt water ----- excellent
Lemon juice ----- excellent
Ketchup ----- excellent
Mustard ----- excellent
Lip stick ----- excellent

Excellent ----- No effect
Good ----- Stain Only
Satisfactory --Blistering
Bad ----- Lifting
Very bad ----- Failure

The above information is the result of accurate laboratory and field tests. However, no guarantee is offered, as uses and applications are beyond our control. Specifications are subject to state-of-the-art changes.