



PerfectPrimer[®] Technical Data Sheet

Product Description: PerfectPrimer is a one-part, water-based primer that bonds various resin based and cementitious coatings to any clean, sound, substrate, without needing to remove existing adhesives and coatings first.

Adhesion to wood, asphalt, galvanized steel, clean concrete – Excellent

Base – 100% acrylic copolymer *

Texture: Smooth

Codes/approvals – Energy Star, ICC, UL, CRRC, (ASTM D6083)

SPBC-F07 meets guidelines for California Title 24 and proposition 65.

Durometer hardness – 70 Shore A (ASTM D2240)

Elongation@ 70^o F – 410% (Unreinforced) 74% (Reinforced) ASTM D2370

Fire rating – Class A, ASTM E-108. Class 1 U.L.790

Adhesion: ASTM C794 D- 903. 7.0 plf concrete. 3.0 plf. Galv. Steel

Application Grade – spray or roll

Temp. Flexibility (ASTM D522) Passes 0.5” mandrel @ -15^o F

Mold resistance - excellent

Permeance – 14 U.S. Perms @ 10 mils

Reflectivity – new 85%, aged 78%

Salt spray resistance – no noticeable effects

Wind Uplift Resistance 8,200 p.s.f. uplift on concrete (ASTM E-330)

E-74 Grade B) Exceeds Nine times FM windstorm test parameters

Solids by weight - 67%

Solids by volume – 55%

Tear resistance – 90 lbs/in (ASTM D1104)

Tensile strength – 675 psi (ASTM D412)

Tensile strength Reinforced fabric – 3,400 psi **

Viscosity – 110 K.U.

PH: Cured 7-8

Emissivity: .89

Weight per gallon – 12 lbs

* **Note:** NanoTek technology used is proprietary, non-regulated and classified.

** Reinforced with Polytex fabric as PerfectCrack repair and PerfectMembrane

Packaging : 1 and 5 gallon containers

Shelf life:- 12 months in unopened containers stored between 40^oF – 90^oF

Application temperatures: 45^oF-100^oF ambient, 30^oF-120^oF surface. Do not apply when temperatures will drop below freezing, or when precipitation is forecast.

Personal protection: Always use safety glasses and chemical resistant gloves when handling materials.