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Permalac NT Blackener

Air-dry acrylic lacquer for interior and exterior use

Intended Use(s):

Permalac NT Blackener is a transparent black, fast-drying, easy-to-apply acrylic lacquer coating. Permalac NT Blackener has been engineered for easy application and easy removal. It has outstanding adhesion to a variety of substrates, including patina and polished metals. Users report excellent results on copper, brass, bronze, steel, aluminum, zinc, and painted wood substrates.

Physical Properties

Color	Clear
Gloss at 20/60	TBD
Volume Solids	9.5%
Weight Solids	10%
Weight per Gallon	8.47 lbs
Coverage per Gallon	400 sq ft
VOC	90.75 g/l
Dry Film Thickness	.3-.5 mils

Physical Resistance (on steel)

Adhesion (ASTM 3359 & Crosshatch test)	Pass
Pencil Hardness (ASTM 3363)	4H
Flexibility (ASTM D522)	Passed Mandrel Bending Test

Impact (ASTM D2794)	160/80
MEL Double Rubs (ASTM D4792)	10

Application Characteristics

Mix Ratio	Full strength for brush or spray
Reducer	#281 (standard), #69 (hot weather), #700 (0 VOC thinner), NT Low Odor Thinner (0 VOC thinner)
Cleaning Solvent	Lacquer thinner or acetone
Dry Time	15 minutes to touch dry, 30 minutes recoat
Cure Time	48 hours

Application Equipment

HVLP spray gun, Cap tip 1.2-1.4, 20-25 PSI

Solvent-resistant brush