



PRESERVO

PAINT & COATINGS MANUFACTURING COMPANY

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ACRYLIC THERMO WATERBASE AC-300W SERIES

DESCRIPTION:

Acrylic Thermo Plastic Waterbase is the air dry, non-bake, version of the oven baked automotive factory finish. Acrylic Thermo Plastic Waterbase has excellent gloss retention, ultraviolet stability, humidity resistance and good saltwater and corrosion resistance. Due to its plasticizers and molecular modifications, it exhibits superior chip and mar resistance.

One advantage, over conventional enamels, is that it contains water as a carrier. It drastically reduces hydrocarbon emissions and poses no fire hazard. Acrylic Thermo Plastic Waterbase is perceived as a less hazardous product to work with, which is conducive to production worker approval. In addition, it has been formulated to provide adhesion to difficult substrates and has fast dry and early water resistance. Most paint lines can use this product without major modifications.

FINISH:

Gloss, Semi-Gloss, Flat

USES:

Metal	Marine	Fabrics
Wood	Metallic Buildings	Masonry
Plastic	Wire Products	Terra Cotta

FILM PROPERTIES:

Air Dry Time	30 Minutes @ 77°F
Re-coat Time	1 Hour
Complete Cure	3 Days

APPLICATION:

350 Square Feet per Gallon @ 1 Mil

Apply with airless or conventional spray equipment or by dipping. Limited brushing for small areas or may also be applied by roller.

THINNING AND CLEANUP:

Apply AC-300W as manufactured or thin to spraying consistency with water. Thinning in excess of one pint of water, per gallon, will reduce the hide. Protect this coating from freezing. Clean up all your equipment immediately, after use, with warm soapy water or Methyl Ethyl Ketone solvent.

AVAILABLE IN:

Clear, Black, White, And Colors On Request.

ACRYLIC THERMO PLASTIC – AC-300W WATER BASED FILM PROPERTIES

Acrylic Thermo Plastic – AC-300W series white was spray applied to Bonderite 1000 panels and baked 20 minutes at 180°F. Dry film thickness was 1.0 ± .2 mils.

Gloss 60°	83
20°	50
Adhesion	Excellent
Pencil Hardness	F-H
Impact Resistance, Inch lbs., Pass/Fail	
Direct	19/23
Reverse	2/6
Flexibility, cylindrical mandrel	
3/16"	Pass
Salt Spray 5% NaCl, 95°F, 125 Hours	
Rusting	Slight
Undercutting	1/8"
Blistering	No Effect
Water Immersion, 100°F, 100 Hours	
Rusting	No Effect
Blistering	No Effect
Cleveland Humidity Cabinet	
(100°F/100% RH) 100 Hours	No Effect
QUV Weathering, 500 Hours	
Loss in Gloss	Trace
Yellowing	No Effect
Chalking	Trace
Blistering	No Effect
Rusting	No Effect
Dry Time	
To Touch	7 – 12 Minutes
Force Dry Temperature	Up to 225°F