



ACRYLIC THERMO PLASTIC AC-300 SERIES

DESCRIPTION:

Acrylic Thermo Plastic is a rapid dry, pure acrylic coating. It has superior gloss retention, ultraviolet stability, weather resistance, as well as saltwater and corrosion resistance. Acrylic Thermo Plastic is resistant to chemicals, does not easily chip or mar and will not chalk or yellow.

An advantage, over conventional enamels, is the extremely fast through dry time. It dries to touch in a matter of minutes, which makes this coating an excellent choice for fast production work.

FINISH:

Gloss, Semi-Gloss, Flat

USES:

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

FILM PROPERTIES:

Air Dry Time	10 Minutes @ 77°F
Re-coat Time	15 Minutes @ 77°F
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.

THINNING AND CLEANUP:

S-10 Acrylic Reducer

SOL-53 Retardant for slower dry time in the summer months.

AVAILABLE IN:

Clear, Black, White And Colors.



PRESERVO

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ACRYLIC THERMO PLASTIC – AC-300 SOLVENT BASED FILM PROPERTIES

Acrylic Thermo Plastic, AC-300 series in white, was spray applied to Bonderite 1000 panels and baked for 20 minutes at 180°F. The 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	No Effect
Undercutting	1/32"
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	No Effect
Blistering	No Effect
Rusting	No Effect
Dry Time	
To Touch	7 – 12 Minutes
Force Dry Temperature	Up to 225°F