

POLYCOR™ / AP WARRANTY

4.19.2023



PRODUCT DETAILS

PolyCor™ AP is a specially formulated panel that is used in a variety of specialty vehicle applications.

These panels are produced to be compliant to stringent manufacturing standards; both foreign and domestic. Production facilities are ISO 9001 and ISO 14001 certified, and include state of the art testing, both in-line, and dedicated quality inspection labs.

WARRANTY INFORMATION

All PolyCor™ AP products are warrantied against defect and application failure provided the correct product and surface finish are used for specific projects:

1. PolyCor™ AP panels will not fade:
 - a. 3 years for standard colors (polar white, gloss black, metallic silver, and charcoal gray).
 - b. 2 years for vivid colors (red, green, yellow, orange).
 - c. No guarantee for true blue, indigo blue, brushed aluminum, or champagne.
2. No peeling or delaminating of panel within 5 years.
3. Do not use chemical water to wash the surface. It is recommended to use neutral water or mild soap water with soft cloth to clean the surface.
4. No dent
5. Dimple standard

APPLICATION OF THE QUALITY GUARANTEES:

1. The case that processing and installation are undertaken according to our related instructions.
2. The case that the panels are stored in the appropriate places in the appropriate method and will not be damaged in the course of transportation, loading, or unloading, storing, and distributing.
3. The case that the panels are installed and used in the applicable environment.
4. The case that the panels are cleaned and maintained properly and timely, when necessary, at least once every year.

INAPPLICABLE CASES OF THIS GUARANTEE:

1. The case that the panels are exposed to abnormal environments of smoking, sandstorm, waterlogging or other calamity, radioactivity or harmful air, and other chemicals.
2. The case that the panels are damaged in bad environments of serious contamination, high salt and alkali, chemical fog or from being struck, misused, and abused.
3. The case that the panels are improperly cleaned, maintained, transported, installed or other events we cannot control.
4. The case of improper design.
5. Any other damages which are not incurred from shortage of raw materials.

CONTACT US

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5010 W. W.T. Harris Blvd | Charlotte, NC 28269
www.piedmontplastics.com

POLYCOR™ / AP TECHNICAL STANDARD

POLYCOR™ AP DIMENSIONS

Thickness	2mm*0.15mm
Width	1250mm
Length	2440/2743/3658mm

DIMENSION TOLERANCES

Length	±3mm
Width	±2mm
Thickness	±0.2mm
Diagonal	≤3mm
Edge nonstraightness	≤1mm/m
Warpage	≤5mm/m

SURFACE PROPERTIES

Testing item	Standard index
Coating thickness	≥16 um
Gloss tolerance	≤10
Pencil hardness	≥H
T-Bending	2T no rift
Adhesive (boiling water)	No pick off
Impact resistance	No cracking
Salt-spray resistance	Blister-10, scribe-8, after 4000hrs 35°C salt fog

CHEMICAL RESISTANCE

Muriatic acid 5% HCL 24 hrs	No change
Sodium hydroxide 5% Naoh 24 hrs	No change

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