

Adelphi A-179

Chemical Resistant Water based Coating

Adelphi A179 is a 2 part water based coating with excellent chemical resistance and weather ability. Its versatile properties makes it suitable for applications in following:

- Aircraft and Aerospace Metal
- Military Vehicles and Missiles
- Ground Equipment
- Industrial Applications

Adelphi A179 is used with Epoxy Primer. It is HAPS free Low V.O.C. Following properties makes Adelphi A179 a suitable coating for industrial applications:

- Non Flammable
- Durable Chemical Resistant Topcoat
- Excellent Physical & Chemical Resistance
- Superior Exterior Durability
- Easy Water Clean Up
- Lead & Chromate Free and Minimal Isocyanate Hazard
- HAPS Free and V.O.C. of <1.9 lbs/gal minus water

Performance Properties

Adhesion: ASTM D 3359:

Results - No peeling and exceeds 4B rating

Chemical Resistance:

Exceeds 168 Hours immersion in hydrocarbon, 168 hours immersion 10% Acetic Acid

Hydrocarbon Resistance:

ASTM D1308 No blistering, wrinkling or softening exceeding 2 pencil hardness difference

Adelphi Materials LLC USA
Phone 631-537-8390
Ph USA Office. 631-537-8390
sales@adelphimaterials.com
Fax: 631-537-8219
sales@adelphimaterials.com
www.adelphimaterials.com

Adelphi Materials, LLC INDIA
Ph: Direct +91-9998085244
kartik@adelphimaterials.com

Acid Resistance:

ASTM D1308 No blistering or change in color

Accelerated Weather Resistance:

ASTM D 1014 No Checking, cracking or appreciable film deterioration

Weathering:

QUV > 1000 hours

Excellent freeze thaw stability ASTM D 1014

Contains NO Benzol (benzene) Chlorinated compounds, hydrolyzable chlorine or ethylene based glycol ethers/acetates

Mix Instructions

- Mix: 2 Parts A/1 Part B by volume. Can thin with deionized water not to exceed ½ part
- Premix Part A with 4" dispersion blade for batches larger than 1 gal and pour premixed part A into larger mixing container
- Continue mixing part A and create a vortex
- Slowly pour measured quantity of Part B into the Part A vortex
- Mix part A and B for a minimum of 5 minutes, (mixture will thicken)
- To thin, after Part A/B properly blended and thickened, if needed, add Deionized Water to the vortex. Do not exceed ½ part deionized water

Mixing and Dry

- Dry Time: (77°F, 50% RH, Dry Film @ 1.8-2.2 mils)
- Touch: 45-60 minutes
- Hard: 4-6 Hours
- Handle: 6-8 Hours
- Recoat: 8-10 Hours
- Full Cure: 7 Days

Technical Questions? Call us. We are happy to help! +631-537-8390

Adelphi Materials LLC USA
Phone 631-537-8390
Ph USA Office. 631-537-8390
sales@adelphimaterials.com
Fax: 631-537-8219
sales@adelphimaterials.com
www.adelphimaterials.com

Adelphi Materials, LLC INDIA
Ph: Direct +91-9998085244
kartik@adelphimaterials.com