

## ADSHIELD 5179 Encapsulation polyaspartique

### DESCRIPTION

ADSHIELD PAS-5179 (resin) / PAS-A (hardener) is a medium-speed encapsulation system with a volume ratio of 1: 1. Once it reacts it forms a semi-rigid film airtight and moisture resistant. It adheres very well to various metals including aluminum.

### SPECIFICATION

- UL94HB (file E187181)

### PHYSICAL PROPERTIES

Uncured (25°C (77°F) – 50% R.H)	
Color	PAS-5179 : translucent to light yellow PAS-A : translucent to light yellow
Viscosity	PAS-5179 : 1400 cps (± 150) PAS-A : 550 cps (± 150)
V.O.C.	PAS-5179 : 0 g/L PAS-A : 0 g/L
Density	PAS-5179 : 1.06 g/ml PAS-A : 1.09 g/ml
Mixing ration (by volume)	1:1
Pot life*	9 minute
Working time	35minutes
Curing time	48 hours

\*The pot life is a measure of time to doubling the viscosity.

cured	
Hardness (ASTM D2240)	75 – 80 (shore D)
UV's resistance (ASTM D4587)	More than 1000 hours
ASTM D610	Grade 10 : no rust
ASTM D714	Grade 10 : no blistering
Compressive strength (ASTM C579)	12,000 psi

### APPLICATION

- HVAC

### MIXING METHOD

Pour ADSHIELD PAS-5179 resin (Part B) into a container and add ADSHIELD PAS-A Hardener (Part A) to equal parts. Mix well for about 30 seconds.

### SURFACE PREPARATION

Materials must be free from dust, grease, frost or other contaminants. Clean surfaces with ADSEAL CLEANER 6003. Allow to evaporate for 20 minutes before application of polyaspartic.

**ADSHIELD 5179**  
**Encapsulation polyaspartique****PACKAGING**

- 18.9 liters pail
- 200 liters drum
- 1100 liters tote tank

**STORAGE**

Store in tightly closed containers. Avoid contact with moisture. Once opened the containers should be protected against moisture by nitrogen or desiccant agent. Maintain the storage temperature between 15°C and 30°C.

The lifetime of ADSHIELD PAS-A is 9 months from the date of production in a hermetically sealed container.

The lifetime of ADSHIELD PAS-5179 is 6 months from the date of production in a hermetically sealed container.

If reconditioning, use containers that will prevent moisture contamination. Avoid packaging made of polyethylene, polystyrene, copper or tin.

**CAUTION**

Always consult sds before using the adhesive. Apply usual hygienic rules. For industrial use only. For more information, please contact your technical representative.

**IMPORTANT****READ CAREFULLY**

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