

ADSHIELD 5179

Airtight / watertight semi rigid membrane

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 minutes
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
Airtight / watertight semi rigid membrane**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 (Safety Data Sheet) before using the adhesive. Apply usual hygienic rules. For industrial use only. For more information, please contact your technical representative.

IMPORTANT**READ CAREFULLY**

The information and recommendations contained herein are derived from our research and information from other reliable sources. This data applies only to our products and not when used with other products. We believe in the reliability of our information. However, no guarantee is offered to that effect. It is the responsibility of the buyer to verify this data according to their own operating conditions to ensure that they conform to the purpose for which the product is intended, even before using it.

THE WARRANTY OFFERED BY ADFAST SHALL BE LIMITED TO THE REPLACEMENT OR REIMBURSEMENT OF THE PRODUCT IF THEY HAVE BEEN DEFECTIVE. NO OTHER IMPLIED OR EXPRESS WARRANTY APPLIES. ADFAST DISCLAIMS ANY OTHER LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.