

ADSHIELD 5185 Encapsulation polyaspartique

DESCRIPTION

ADSHIELD PAS-5185 (resin) / PAS-A (hardener) is a fast-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-5185 : translucent to light yellow PAS-A : translucent to light yellow
Viscosity	PAS-5185 : 300 cps (± 150) PAS-A : 550 cps (± 150)
V.O.C.	PAS-5185 : 0 g/L PAS-A : 0 g/L
Density	PAS-5185 : 1.06 g/ml PAS-A : 1.09 g/ml
Mixing ration (by volume)	1:1
Pot life*	1 minute
Working time	2 minutes
Curing time	48 hours

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

cured	
Hardness (ASTM D2240)	13 – 20 (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-5185 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 5185
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-5185 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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