

AC5 Accelerator

TECHNICAL DATA SHEET

Product Description

AC5 is a drying accelerator for polyurethane systems and can be used with CV116 and CV117 polyurethane varnishes to accelerate the drying.

- Reduced drying time
- Easily incorporated
- Accelerates cure

Components



Mix Ratio

- Add 2 to 3 % by volume

Specifications



AC5 is referenced on:

- ABP 4-2128
- ABP 9-4325

Note: PPG Aerospace recommends you check the most recent specification QPLs for updated information.

Surface Preparation and Pretreatment



Follow the recommendations detailed on the CV116 and CV117 technical data sheets.

Instructions for Use



Mix CV116 or CV117 base and activator together then add accelerator and stir thoroughly.

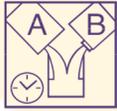
Note: All products and components should be placed in ambient conditions of 15-30 °C (59-86 °F) for at least 24 hours prior to mixing and application.



Induction Time:

Not required

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Pot Life: (CV116 / CV117 mixed + 3% by volume AC5)

3 hours @ 21 - 25°C (70 - 77°F) for spray application

1 hour @ 21 - 25°C (70 - 77°F) for brush application (no thinner added)

Application Guidelines

Recommended Application Conditions:

Temperature 15 - 30°C (59 - 86°F)

Relative Humidity 30 - 85%

Application:

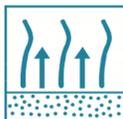
AC5 is used to reduce the drying time of CV116 and CV117 with consequent reduction to pot life.

Physical Properties



Drying Times when added 2- 3% to CV116 & CV117	23 °C (73 °C)	60 °C (140 °C)
Dust Free	1 hour	
Dry to Tape	2 hours	
Full Cure	7 days	3 hours

Note: Drying times listed above are dependent upon film thickness applied, air flow conditions and application technique.



Flash Off Time:

20 minutes between coats when force drying



VOC: (ASTM)

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760 g/Lt



Flash Point:

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-4 °C (25 °F)

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Shelf Life:

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24 months in original unopened container

Note: Shelf life may vary due to OEM specification requirements. Refer to container label for specific shelf life information.

Note: The application and performance property values above are typical for the material, but not intended for use in specifications or for acceptance inspection criteria because of variations in testing methods, conditions and configurations.

Storage Recommendations



Inspect the condition of the container to ensure compliance. The material should be stored at temperatures between 5°C to 35°C (41°F to 95°F) to ensure shelf life.

Note: When procuring to a qualified material specification, follow those storage instructions.



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Health Precautions

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Safety Data Sheet (SDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An SDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

For industrial use only. Keep away from children.

Additional information can be found at: www.ppgaerospace.com

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