



Quality Coatings Since 1950

# UV ABSORBER ADDITIVE 430-Image & 435-AC

Data Sheet No. 1083/101

Date of Issue: 15 / 01 / 08

## Description

A specialised additive designed to be mixed with either Pylon's Image PU (UV Absorber Additive 430) or with Pylon's Acid-Cat range (UV Absorber Additive 435) to reduce and prolong yellowing and damage created by ultra-violet rays.

## Principal Uses

Used to prolong the coating from yellowing and damage caused by ultra violet rays.

Mainly used in-conjunction with Pylon's Image polyurethane range.

## Features & Benefits

- Reduced yellowing caused by UV rays
- Prolongs the coating from UV damage
- Specialty product

## Availability

Image UV Absorber Additive 430

Ace-Cat UV Absorber Additive 435

## Equipment Wash

Clean all equipment using Thinners C.

## Data Sheet Procedure

Pylon Coatings advises that this data sheet and the relevant MSDS must be completely read and understood prior to application.



## Mixing & Thinning

### Mixing Instructions

**Mix by Volume, 25 mls of UV Absorber Additive per 1Lt of the selected coating or 500Mls per 20Lt drum.**

For two-pack products (eg. Image PU, Ace-Cat) this measurement applies to the Part A only and should be added before the Part B.

Following this, refer back to the relevant data sheet of the coating being applied.



### Thinning

Do NOT thin. Use as supplied.

**Coverage** N/A



### Drying Times @ 25° C

**Dust Free** N/A  
**Print Free** N/A  
**Re-Coat** N/A  
**Hard Dry** N/A



### Pot Life

6 months in full containers.



### Solid Content

By Weight N/A

### Packaging



1Lt



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## Application System Guide

Refer to either Image or AC data sheet.

### Viscosity

at 25° C, measured with a Ford 4 cup, + or – 3 seconds  
20 – 25 seconds



### Surface Preparation

- 1) Surface must be clean, dry and free from dust, grease, dirt and all other contaminants before proceeding.
- 2) Fill small defects, cracks and holes with a suitable putty. Allow sufficient time to dry as per specifications.
- 3) **Sanding**
  - a. Wood substrates; use 180 - 280 grit free-cut sandpaper with the grain until the surface is smooth and even.
- 4) Remove all sanding dust using an air gun and clean lint free cloth.

### Staining and Sealing

Refer to either Image or AC data sheet.



### Finishing Specifications

Refer to either Image or AC data sheet.



### Application Tips

Refer to either Image or AC data sheet.

### Thinners Selection

Refer to either Image or AC data sheet.



### Storage Instructions

Store in an approved dangerous goods cabinet or bunker in dry condition below 35° C.

**Shelf life;** 6 months if unopened.

**Opened product** should be used within 3 months.



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## Health and Safety

**Ensure that all individuals using this product have read and understood this data sheet and the related MSDS.**

Sanding dust and spray mist are produced when using this product, so operators should comply with the following guidelines:

- application to take place in a well-exhausted spray booth that complies with AS 4114;
- wear a cartridge respirator conforming to AS/NZ 1715/16 - 1994;
- wear eye protection glasses or goggles conforming to AS/NZ 2161 - 1978;
- wear ear protection if the noise level is above 85 dB. AS/NZ 1270 - 1988;
- avoid contact with skin and eyes and avoid breathing the vapour or spray mist;
- wear suitable protective clothing including rubber or PVC gloves and safety goggles;
- when using the product, do not eat or smoke;
- keep away from heat and naked flame as this is a flammable liquid;
- if poisoning occurs DO NOT induce vomiting, give a glass of water and contact a doctor or the **Poisons Information Centre ph: 131 126.**

Do not use if you have chronic (long term) lung or breathing problems.



## Warnings

Pylon Coatings advises that:

- you review, understand and follow this data sheet and the MSDS before use;
- we only recognise a coating system that has been exclusively used with Pylon products;
- UV Additive Absorber should be tested on an off-cut of the selected substrate before proceeding, as different substrates will also create variations in the result of the stain colour;
- UV Additive Absorber is for selected internal timber and veneer;
- UV Additive Absorber should not be exposed to high temperature, extreme ultra-violet light, high humidity or severe abrasion;
- while UV Additive Absorber will create a light colour, it cannot fully protect the wood from aging from direct sun, and discolouration through the natural tannins found in the timber;
- UV Additive Absorber is not to be applied during extreme temperatures, i.e. above 38° C and below 8° C.

## Condition of Use

All Pylon Coatings products are manufactured from high-grade materials to a rigid quality assured system ISO 2001. We have no control over the conditions under which these products are stored, transported, handled or used, so customers are advised to test the product before adapting them to their own use. The information contained in this data sheet is based on data appraised in our own laboratories and from comprehensive market research. Pylon Coatings can only control the quality and formulation of our own products, and have no control over the quality or consistency of other products or substrates to which the products are being applied. Due to the possible variations between our controlled laboratory test conditions and techniques, differences in application and the vast range of substrates in today's market, Pylon Coatings supplies its products only on the condition that the consumer is satisfied with the performance of the product in meeting their requirements.