



## Defender AL25 Polyaspartic Topcoat



### Description

**Defender AL25** is a two-component, high solids, aliphatic polyaspartic protective coating.

### Technical Data

#### Application Properties

Property	*Values
Mix Ratio	1A:1B
Pot Life	30 minutes
Tack Free Time	2 hours
Cure to Traffic	16 hours
Recoat Window	72 hours
Solids, by volume	88%
VOCs	0.82 lbs/gal

\*Values were obtained in a laboratory setting for comparison purposes only, and should not be considered exact specifications.

#### Physical Properties

Property	*Values
Hardness, Shore A, D-2240	65 D
Tensile Strength, D-412	>4,000 psi
Flexibility - (180° bend over 1/8 inch mandrel), D-522	Pass at 20 mils
Elongation, D-412	50 %
Abrasion Resistance (CS17 wheels, 1000g, 1000 cycles), D-4060	45 mg loss

*Be sure to consult with an umi coatings representative for equipment and application training.*

### Features

**Excellent UV Resistance**

**Superior Resistance to Harsh Wear Environments**

**Good Thermal Stability Surface Wetting**

**Adherence to Metal or Concrete** (when over an appropriate primer)

**Used in Floor & Deck Coatings** (in Construction & OEM markets)



### Application Recommendations

**Defender AL25** is mixed with 1 part A to 1 part B, and is typically applied directly to a polyurethane or polyurea base coat as a topcoat, but can adhere to metal or concrete surfaces used over an appropriate primer. Typical applications include floor and deck coating in the construction and OEM markets.

**Defender AL25** should be applied via brush or roller. Thinning may be required for spray applications.

### Packaging, Storage and Shelf Life

**Defender AL25** is available in 5 gallon pails. It should be stored in sealed containers between 60°F and 90°F. Shelf life is 12 months when stored in factory sealed containers under normal conditions.

### Safety

**Defender AL25** is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. When spraying, wear a respirator or fresh air hood. Spraying indoors requires forced ventilation. Be sure to read the SDS in its entirety prior to use.

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