



2870 CRESTWOOD BLVD. STE B  
 IRONDALE, AL 35210  
 205-957-0020



**DEFENDER**

**Defender PR58**

TECHNICAL DATA SHEET

## PRODUCT DESCRIPTION

**Defender PR58** is a 100% solids, zero VOC, two-component epoxy primer for concrete.

## FEATURES

**Excellent Adhesion:** Defender PR58 is formulated to adhere excellently to concrete substrates.

**Moisture Tolerance:** Defender PR58 is suitable for use in high humidity or moist environments.

**Excellent Surface Wetting:** Defender PR58 penetrates the surface of the concrete substrate to form a strong mechanical bond.

**100%Solids, Zero VOCs:** Defender PR58 is a 100%solids primer and is formulated with zero VOCs.

## TECHNICAL DATA

APPLICATION PROPERTIES	*VALUES
Mix Ratio, by volume A to B	2A:1B (5 gallon pails = 15 gallon kit)
Solids, percent by volume	100%
VOCs, lbs/mixed gallon	0%
Recommended Thickness	3 - 6 single coat mils dft

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

## PHYSICAL PROPERTIES

Product Color - Part A	Non-pigmented
Product Color - Part B	Non-pigmented
Pot Life	40 minutes
Dry Time @ 77°F	6 - 8 hours
Adhesion Window @ 77°F	Min 4 hours, Max 48 hours



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## APPLICATION

Defender PR58 is mixed 2 parts A to 1 part B and does not require thinners. It can be brush, roller or spray-applied to the concrete substrate at a 3-6 mil dry film thickness (dft). After application, wait a minimum of 4 hours or until tack free, and a maximum of 48 hours before applying a coating.

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

## SAFETY

Defender PR58 is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. When spraying, wear a respirator or a fresh air hood. Spraying indoors requires forced ventilation. Consult the SDS in its entirety prior to using.

## PACKAGING, STORAGE, & SHELF LIFE

Defender PR58 is typically sold in 5 gallon pails (equaling a 15 gallon kit). For smaller jobs, it can also be purchased in 1 gallon pails (equaling a 3 gallon kit). It should be stored in sealed containers between 60°F and 90° F. Shelf life is 12 months when stored under normal conditions.

## DISCLAIMER

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