

# Perdüre AU52

acrylic modified polyurethane

**düraamen**  
engineered to perform

## DESCRIPTION

Perdüre AU52 is a two-part, clear acrylic polyurethane coating with excellent gloss retention. It is used as a sealer/coating over a variety of substrates. Perdüre AU52 cures to a very tough, abrasion resistant film with exceptional exterior durability, chalk resistance, color stability, and long term gloss retention.

Perdüre AU52 has been designed for use over concrete, acid stained surfaces, exposed aggregate, brick pavers and various types of decorative concrete.

## SUBSTRATE REQUIREMENTS

- Substrate temperature must be a minimum of 55°F before, during and 72 hours after installation
- It must have effective vapor barrier directly under substrate
- It must be used only on properly prepared surfaces
- Surface must be free to dirt, waxes, curing agents and other foreign materials
- It does not function as a crack reflective membrane

## ADVANTAGES

- Excellent weathering resistance
- Good chemical and stain resistance
- Excellent gloss and color retention
- Non-chalking & non-yellowing
- Outstanding wear resistance

## COMPOSITION

Perdüre AU52 is a two-component, Acrylic Aliphatic Isocyanate Polyurethane

## COLOR SELECTION

Perdüre AU52 is available in CLEAR only.

## CONSIDERATIONS

- Do not use solvent based acrylic as a primer
- Use over properly prepared concrete surfaces
- Applications heavier than 200ft<sup>2</sup>/gal may result in solvent entrapment and possible blistering
- Effective moisture vapor barrier needed directly under concrete slab

## SURFACE PREPARATION

Surface Preparation is the most critical portion of any successful resinous flooring system application. All substrates must be properly prepared as outlined in Düraamen's Technical Bulletin # 1. Work must be performed by trained or experienced contractors or maintenance personnel. The Düraamen Company's service department is pleased to answer any technical questions.

## INSTALLATION

Apply Perdüre AU52 over properly prepared surfaces. Surfaces must be free from oils, grease, water or other foreign matter. Surface should be dry and above 50°F and rising. Relative humidity should not exceed 85%. Perdüre AU52 is moisture sensitive during application and initial cure. Do not apply if surface temperature is within 5°F of Dew Point. Not recommended on floors susceptible to hydrostatic pressure. Best methods of application are using lambs wool applicators or mohair rollers. Perdüre AU52 can be brushed by using pure Chinese soft bristle brushes. For rolling, use a shed resistant phenolic core mohair cover. Roll in the same direction, always keeping a wet edge. Do not over roll product. For safety and proper curing, proper ventilation is necessary throughout application and cure. When using pigmented intermediate coats, be sure the batch numbers are all the same to provide a uniform base color. Perdüre AU52 can be sprayed with an airless or conventional unit

## CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with Xylene or Lacquer thinner. Consult MSDS for safety and health precautions.

## COVERAGE

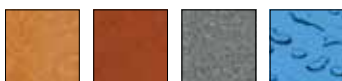
Perdüre AU52 yields 300ft<sup>2</sup> per gallon at 3 mils dry film thickness. Thicker application may result in bubbling in the cured film.

## MAINTENANCE

After completing the application of Perdüre AU52, the installer should provide the owner with maintenance instructions.

## AVAILABILITY

Perdüre AU52 is available throughout the United States and Canada. Contact Düraamen representative in your area for details.



düraamen engineered products, inc.

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## TECHNICAL SERVICE

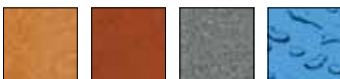
Dūraamen Engineered Products, Inc. provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces.

## TECHNICAL DATA

Recommended Film Thickness	1.5-2.5 dry mils 250-425ft <sup>2</sup> /gal
Mixing Ratio – Clear	4 parts A to 1 parts B by volume
Solids Content – clear	51 ± 2%
Volatile Organic Content	250 gm/L
Pot Life	4-6 hours
Recoat Time	8-48 hours

## WARRANTY

Information regarding Duraamen products is based upon extensive research provided by the supplier of the raw materials. By making such information available, Duraamen Engineered Products Inc. does not assume any liability beyond express terms of our standard limited material warranty. Duraamen Engineered Products does not warrant the accuracy or completeness of any such information, whether conveyed orally or in writing, but to the best of our knowledge believe it to be accurate. We reserve the right at any time and without notice to update or improve our products and process for the intended use or application. Duraamen Engineered Products (Duraamen) warrants for a period of one (1) year that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed and applied in accordance with recommendations of Duraamen. If any product fails to meet this warranty, the liability of Duraamen will be limited to replacement of any non-conforming material if notice of such non-conformity is given to Duraamen within 1 (one) year of delivery of materials. Duraamen may in its discretion refund the price received by Duraamen in lieu of replacing the material. No customer, distributor, or representative of Duraamen is authorized to change or modify the published specifications of this warranty in anyway. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. Duraamen reserves the right to inspect the non-conforming material prior to replacement EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR PURPOSE. DURAAMEN'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND DURAAMEN SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY THIRD PARTY FOR ANY LOSS, COST EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.



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