

Perdure AU52

acrylic modified polyurethane

DESCRIPTION

Perdure 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. Perdure AU52 cures to a very tough, abrasion resistant film with exceptional exterior durability, chalk resistance, color stability, and long term gloss retention.

Perdure 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

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

COLOR SELECTION

Perdure 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 200ft²/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 Perdure 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%. Perdure 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. Perdure 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. Perdure 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

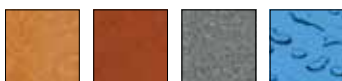
Perdure AU52 yields 300ft² per gallon at 3 mils dry film thickness. Thicker application may result in bubbling in the cured film.

MAINTENANCE

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

AVAILABILITY

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



TECHNICAL SERVICE

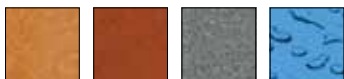
Düraamen Engineered Products, Inc. provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces.

TECHNICAL DATA

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|----------------------------|---|
| Recommended Film Thickness | 1.5-2.5 dry mils 250-425ft ² /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

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