

# Perdure E32

water based epoxy emulsion sealer



## DESCRIPTION

Perdure E32 is a water based epoxy primer/sealer formulated to have a maximum penetration into concrete surfaces to provide high bond strength and adhesion. It is specially formulated to reduce concrete outgassing. Perdure E32 has very low odor and can be used in occupied areas. Ideal for both new and old concrete surfaces, Perdure E32 is used as a primer for Perdure high build and thin film coatings systems.

## ADVANTAGES

- Low odor during application and cure
- Fast dry and re-coat time
- Easy clean-up
- Can be used on damp/green concrete
- Greatly reduces the probability of concrete outgassing

## SUBSTRATE REQUIREMENTS

- Substrate temperature must be a minimum of 10°C and relative humidity below 80% for proper curing.
- Substrate must be free of dirt, waxes, curing agents and other foreign materials

## COMPOSITION

Water-borne epoxy emulsion.

## COLOR SELECTION

Perdure E32 is available in CLEAR formulations only.

## APPLICATION

Surface Preparation is the most critical portion of any successful resinous flooring system application. All substrates must be properly prepared as outlined in Duraamen's technical Bulletin #1. Work must be performed by trained or experienced contractors or maintenance personnel.

## INSTALLATION

- Mix each component (Part A and Part B) separately prior to combining.
- Mix 1 parts A with 1 part B and wait a minimum of 30 minutes.
- Apply with a short nap roller (1/4" nap). Avoid creating puddles. Two coats of primer may be necessary. A second coat can be applied over wet primer after it turns clear. Recoat windows specified are:

Apply Perdure E32 with a short nap roller (1/4" nap) at the rate of 24m<sup>2</sup>/L. Care should be taken to avoid any puddles. Two coats of primer may be necessary to ensure uniform wetting and coverage. The second coat may be applied after it turns clear. Follow the recoat windows specified below:

Water based topcoat	4-24 hours
100% solids epoxy topcoat	6-24 hours
Solvent based topcoat	24 – 36 hours

## CLEAN UP

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

## COVERAGE

Perdure E32 yields 8-9m<sup>2</sup>/L at 2-3 mils dry film thickness.

## MAINTENANCE

After completing the installation, the applicator should provide the owner with maintenance instructions. If floors become slippery due to animal fats, oil, grease, or soap film, clean and rinse thoroughly. Perdure E32 is easily cleaned with neutral soaps or detergents. Routine mechanical scrubbing is recommended for all surfaces having a non-skid texture. Treating the surface with a floor finish (Smärtgard) is optional. Long periods of heavy traffic may cause wear patterns necessitating application of a finish coat. DO NOT leave any type of tape on the sealer for more than 5 to 10 minutes. Test first in an inconspicuous area for compatibility between the tape and the sealer.

## TECHNICAL SERVICE

Duraamen 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

Mixing Ratio	A:B :: 1:1 (by Volume)	
Solids Content	33+/-3% (Mixed)	
Pot life	60min @ 70°F (20°C)	30min @ 85°F (30°C)
Dry to Touch	2 hours @ 70°F (20°C)	1 hour @ 85°F (30°C)
Light Traffic	10 hours @ 70°F (20°C)	9 hours @ 85°F (30°C)
'H' hardness	2 days	
'5-H' Hardness	30 days	

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