Perdüre BE58

Breathable epoxy sealer

düraamen
engineered to perform

DESCRIPTION

Perdüre BE58 is a unique water-based high solids breathable (moisture vapor tolerant) epoxy top coat or grout coat for various Düraamen flooring systems. It can be applied in films up to 16mils without impacting cure properties. This product is ideal for any floor or wall coating project needing a high-build coating system that is moisture vapor tolerant, durable, with a requirement for USGBC LEED certification. Typical uses include corridors, lobbies, warehouse floors, light duty manufacturing areas and various residential or commercial areas.

ADVANTAGES

- Breathable (moisture vapor tolerant)
- Low odor
- Meets USGBC-LEED low VOC requirements
- Good chemical resistance
- Excellent abrasion resistance
- Long working time
- UV Stable
- Meets USDA requirements for use in federally inspected facilities

SUBSTRATE REQUIREMENTS

- Substrate temperature must be a minimum of 50°F and relative humidity below 85% for proper curing.
- Substrate must be free of dirt, waxes, curing agents and other foreign materials
- Do not exceed application rate of more than 16mils (100ft^2/gal)
- Cure times will be extended in conditions of high humidity and poor ventilation

COMPOSITION

Perdüre BE58 is formulated based on water borne epoxy resin.

COLOR SELECTION

Perdüre BE58 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 Düraamen's technical Bulletin #1. Work must be performed by trained or experienced contractors or maintenance personnel.

INSTALLATION STEPS

- Mix each component of Perdüre BE58 using a low speed drill or jiffy mixer prior to combining together.
- Mix 1 parts of Part A with 2 parts of Part B by volume. Mix with low speed drill and Jiffy blade until uniform (typically 1.5-2.0 minutes), exercising caution to not entrain air into the product. To ensure proper cure and performance, strictly follow the mix ratio.
- Apply Perdüre BE58 using a flat or notched squeegee and back roll with a high quality 3/16" nap roller. Coverage is 100-200ft2/gal to achieve 4-8 mils dry topcoats will vary depending on the specific flooring system installed and desired finish. Cross hatch back rolling is recommended for uniformity.
- Allow to cure 18 hours minimum before opening to traffic. (Cure times will vary dependent upon environmental conditions).

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

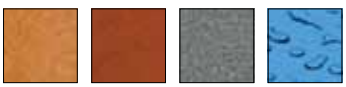
Perdüre BE58 yields 100ft2 per gallon at 8 mils dry film thickness.

AVAILABILITY

Perdüre BE58 is available throughout the United States and Canada.

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. Perdüre BE58 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.



düraamen engineered products, inc.
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TECHNICAL SERVICE

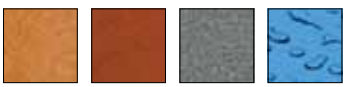
Düraamen Engineered Products Inc. provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces.

TECHNICAL DATA

Viscosity @ 750F	600-1000cps
Mixing Ratio	1 parts A to 2 parts B by volume
Solids Content	58% by volume
Bond Strength to Concrete	400-500psi (100% concrete failure)
Weight per gallon	8.75lb/gallon, mixed
Pot life	25-35minutes
Dry to Touch	6 hours @ 750F
Re-coat	8-24 hours @ 750F
Light Traffic	24 hours @ 750F
'H' hardness	2 days
'5-H' Hardness	30 days
Volatile Organic Content	<50gm/L

WARRANTY

Düraamen Engineered Products, Inc. warrants for a period of one (1) year that it 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 Düraamen. If any product fails to meet this warranty, the liability of Düraamen will be limited to replacement of any non-conforming material if notice of such no-conformity is given to Düraamen within (1) one year of delivery of materials. Düraamen may in is discretion refund the price received by Düraamen in lieu of replacing the material. No customer, distributor or representative is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of Düraamen. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. Düraamen 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 OF MERCHANTIBILITY OR FITNESS FOR PURPOSE. DÜRAAMEN'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND DÜRAAMEN SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY OTHER THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.



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