

Elastolex EU85

single component urethane sealer



DESCRIPTION

Elastolex EU85 is a single component aliphatic polyurethane topcoat specifically designed to provide a protective wear coat for elevated concrete surfaces in areas that are exposed to direct sunlight. It provides a high build chemically resistant gloss finish. It is an excellent topcoat for flooring systems in multi-story parking garages, suspended walkways, balconies and stadiums.

ADVANTAGES

- Resistant to UV light degradation
- Weather resistant seal coat for exterior decking systems
- Excellent chemical resistance
- Meets USGBC LEED criteria for low VOC (pigmented)
- High abrasion resistance for long lasting performance
- Easy to clean
- Highly attractive wearing surface, in as little as one coat

APPLICATION

Suitable Substrates

Perdue EU85 is the final layer to complete the decking surfaces. Before, Elastolex EU85 is installed, the substrate must have the following:

- A surface mechanically prepared to an ICRI CSP #3
- A basecoat of Elastolex EL95 installed within 6 to 24 hours of installing Elastolex EU85.

Consult Duraamen's Technical Services Department regarding substrates and conditions not listed.

Mixing Elastolex EU85

Single component, mix with a slow speed drill and jiffy mixer until the liquid is completely blended.

Installation

Pour Elastolex EU85 onto the floor and spread it uniformly with a notched squeegee, roll with a short nap phenolic core roller, immediately followed with cross-rolling. Back roll to achieve desired thickness and proper coverage. Allow to cure before applying a second coat.

COMPOSITION

Aliphatic Polyurethane elastomer.

COLOR SELECTION

Elastolex EU85 is available in Clear formulation. It can be pigmented with Unicolor.

COVERAGE

Elastolex EU85 will yield approximately 12 – 13 mils dry when spread at 10°Ft²/gallon. Coverage varies by type of the system and substrate

CLEAN UP

Before the material hardens, clean tools with an appropriate solvent or cleaning material, such as Acetone or Xylene. Consult Product SDS for safety and health precautions.

CURE/DRY TIME

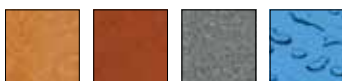
Working Life	60 min @ 75°F, 50%RH
Recoat	Min 16hr @ 75°F, 50%RH Max 48hr @ 75°F, 50%RH
Light Foot Traffic	24hr @ 75°F, 50%RH
Vehicular Traffic	72hr @ 75°F, 50%RH

TECHNICAL DATA

Mixing Ratio	Single Component
Solids Content	85% Solids by Volume
(Pigmented)	55gr/liter, compliance to low VOC Rule 1113 in all 50 states
VOC (EPA Method 24)	99gr/liter, compliant to low VOC Rule 1113 in all 50 states
Weight	8.80lb/gal
Viscosity	3500±700cps

PHYSICAL PROPERTIES

Adhesion to Concrete, ASTM D7234	300± psi, concrete failure varies by concrete strength
Abrasion Resistance, ASTM D4060, CS-17 Wheel, 1000cycles	0.10g loss 1kg load
Chemical Resistance	No effect – motor oil, road salt, caustic, anti-freeze, gasoline
Ultimate Elongation, ASTM D412	200±50%
Fire Resistance of System, ASTM E108/UL 790 (or equal)	Class A on concrete
Hardness, Shore A, ASTM D2240	90±5
Permeability, ASTM E398	1.6 Perms
Tear Resistance, Die C, ASTM D412	3000±300psi
Weather Resistance, ASTM D822	No visual effect @ 2000hours



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MAINTENANCE

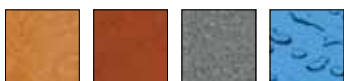
Elastolex EU85 is easily cleaned with neutral soaps or detergents. After completing the application of Elastolex EU85, the installer should provide the owner with maintenance instructions.

TECHNICAL SERVICE

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

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