

EuroSeal™ 100

EPOXY FLOOR COATING SYSTEM

EuroCoat®
WE GOT YOU COVERED

PRODUCT DESCRIPTION

EuroSeal™ 100 is a high performance, solvent free, chemical resistant epoxy coating with a gloss finish. This system is ideal for areas where a cleanable, abrasion resistant and affordable floor system is required. EuroSeal™ 100 may be finished with an aliphatic urethane topcoat for upgraded chemical, abrasion and UV resistance. Different grades of slip resistance can be achieved by inclusion of graded aggregate between coats.

PHYSICAL PROPERTIES

Composition: Two component epoxy resin.

Color: 8 standard colors.

Hardness: 80 Shore D (ASTM D2240)

Compressive Strength: 6,000 psi (ASTM C-579)

Tensile Strength: 1,250 psi (ASTM C-307)

Flexural Strength: 2,100 psi (ASTM C-580)

Adhesion to concrete: 350 psi (Concrete fails)
ASTM D-4541

Water Absorption: < 0.1%

Abrasion Resistance: 0.07 g loss (ASTM D 4060)

Impact Resistance: Passes MIL-D-3134 sec. 4.7.3
(Withstands 16 ft -1 pound
impact without cracking.

(*) The information above are typical properties achieved in laboratory test at 70 °F and at 50% RH.

SPECIFICATIONS

Preparation: Concrete or screed substrate should be a minimum of 3,625 psi, free from laitance, oil, dust and other contamination. The substrate should be dry to 75% RH as per BS 8204 and free from rising damp and ground water pressure. Surface must be properly prepared to ensure adequate bond to the substrate. Consult EuroCoat surface preparation bulletin for full details. Minimum surface temperature is 45 °F; preferred is 50–75 °F.

QUICK GUIDE



TYPICAL USES

EuroSeal™ 100 is designed as a light to medium duty floor system for areas that require concrete to be sealed from liquid contamination (acids, oils, solvents), provide an easy to maintain surface and excellent abrasion resistance. EuroSeal™ 100 may be used as a protective surface on new concrete floors, or to beautify old concrete floors.

EuroSeal™ 100 is excellent for warehousing, aircraft hangars, clean rooms, mechanical rooms, and light to medium duty manufacturing areas

ADVANTAGES

1. Good chemical resistant
2. Good abrasion resistant
3. USDA/ FDA approved
4. Stain resistant
5. Low maintenance. Easy to clean
6. Glossy –attractive finish
7. Improves indoor light reflectance
8. Smooth or anti skid surface available
9. Solvent free. Complies with VOC regulations

COLOR

EuroSeal™ 100 is available in 8 standard solid colors. Beige, Khaki, Light Gray, Medium Gray, Dark Gray, Blue, Tile Red and Green.

Installation: The installation should be carried out by a EuroCoat Certified Installer with a documented quality assurance scheme. Obtain details of our Certified Contractors by contacting our customer service or enquiring via our web site eurocoatssystem.com.

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PRODUCTS INCLUDED

Primer:

- EuroCoat 110 epoxy primer/sealer @ 200-250 sq ft/gal
- EuroCoat 111 MVP moisture vapor resistant primer @ 160-200 sq ft/gal

Base Coat:

EuroCoat 130 epoxy coating @ 80-160 sq ft/gal

Finish Options:

- EuroCoat 130 epoxy coating @ 100-160 sq ft/gal
- EuroCoat 330 CR urethane finish @ 350 sq ft/gal

STANDARD COLOR CHART



beige



khaki



green



tile red



blue



l gray



m gray



d gray

The applied color may differ slightly from the examples shown above. Contact our customer service for a true color sample.

CHEMICAL RESISTANCE

See EuroCoat's, Chemical Resistance Guidelines for chemical resistance of a product or system.

Note: Chemical resistance is a functional test, usually limited to changes in weight or thickness measured in loss or gain and does not evaluate subject aesthetic issues. To determine aesthetic issues, EuroCoat recommends products or system to be tested in accordance with intended end use.

WAREHOUSING

- Do not expose material to direct sunshine or heat.
- EuroCoat products must be stored in a cool and dry location. Do not allow resins to freeze.
- Warehousing temperature must be between 4-23 oC (39-74 oF).
- Keep the material in its original packaging.

WARNINGS

EuroCoat products are guaranteed against defective materials and manufacture and are sold subject to our standard Warranty, Terms and Conditions of Sale, copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages. Please review warranty in detail before using products.

Disclaimer: Any recommendation or suggestion relating the use of the products made by EuroCoat, whether in its technical literature, or in response to a specific enquiry, or otherwise, is based upon data believed to be reliable, however the products and information are intended for use by Customers having requisite skill and know-how in the industry and therefore it is the Customer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the Customer has done so at its sole discretion and risk.