Decco Floor

SEALERS

ECO SEAL

One component water based acrylic sealer

Deccofloor Eco Seal offers excellent resistance to water blushing without the objectionable solvent odors associated with solvent based sealers.

This product has a fast set time and good stain resistance.

TARGETS

- ✔ **Stone**
- ✔ **Brick**
- ✔ **Concrete**
- ✔ **Cement**

SOLIDS BY WEIGHT:
25% (+/- 2%)
SOLIDS BY VOLUME:
21% (+/- 2%)

VOLATILE ORGANIC CONTENT:
VOC less than 84 g/l

COLORS AVAILABLE:
This product is available in a clear only

RECOMMENDED FILM THICKNESS:
3-4 mils wet (0.5 – 1.0 mils dry)
COVERAGE PER GALLON:
401-534 square feet @ 3-4 mils wet thickness

PACKAGING INFORMATION
This product is available in 1 gallon, 5 gallon and 50 gallon containers. (volumes approximate)

MIX RATIO:
One component product, simply stir before using
SHELF LIFE:
1 year in unopened containers

ABRASION RESISTANCE:
Taber adrasor CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 80 mg loss
IMPACT RESISTANCE:
Gardner Impact, direct = 50 in.lb. (passed)
FLEXIBILITY:
No cracks on a 1/8" mandrel
ADHESION:
395 psi @ elcometer (concrete failure, no delamination)
VISCOSITY:
Less than 200 cps (typical)
DOT CLASSIFICATIONS:
Not regulated
PEEL ADHESION:
Excellent

APPLICATION TEMPERATURE:
60-100 degrees F with relative humidity below 85%

CHEMICAL RESISTANCE:

REAGENT	RATING
Gasoline	1
Brake fluid	1
Used motor oil	5
DI water	5

Rating key: (film damage) 1 = severe -> 5 = no damage.

STAIN RESISTANCE:

REAGENT	RATING
Kool-Aid	10
Mustard	10
Chocolate	10
Ketchup	10
Coal Tar	2

Rating key: 10 = excellent stain resistance -> 0 = no stain resistance.

PRIMER:
None required.
TOPCOAT:
None required. Multiple coats of this product are compatible.

LIMITATIONS:
Clarity of color or gloss may be affected by high humidity, low temperatures or chemical exposure. Lighting like sodium vapor lights may affect color.
For best results use a good quality 3/8" nap roller.
Slab on grade requires moisture barrier.
Substrate temperature must be 5°F above dew point
All new concrete must be cured for at least 30 days
Do not apply this product to areas where there is standing water, damp concrete can be coated.
Too thick of an application may result in solvent entrapment and subsequent product failure.
Physical properties listed on this technical data sheet are typical values and not specifications.
See reverse side for application instructions.
See reverse side for limitations of our liability and warranty.

PRODUCT STORAGE: Store product in an area so as to bring the material to normal room temperature before using. Continuous storage should be between 60 and 90 degree F. Keep from freezing.

SURFACE PREPARATION: Surface preparation will vary according to the type of substrate. For a one or two coat thin build application (3-8 mils wet) we recommend either mechanical scarification or acid etching until a suitable profile is achieved. All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free bond to the substrate. A test should be made to determine that the concrete has an appropriate vapor barrier. This can be done by placing a 4'X4' plastic sheet on the substrate and taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet, then the substrate does not show signs of eventual hydrostatic pressure problems that may later cause disbonding. However, this product can be applied to a damp floor as long as there are not standing puddles.

PRODUCT MIXING: This product should be stirred well before using. Mix with slow speed mixing equipment to avoid introducing air into the material.

PRODUCT APPLICATION: The material can be applied by brush or roller first coat can be diluted with 30% clear water. Maintain temperatures and humidity within the recommended ranges during the application and curing process.
RECOAT OR TOPCOATING: If you opt to recoat this product, you must first be sure that all of the solvents and water have evaporated from the coating during the curing process. The information on the front side are reliable guidelines to follow. However, it is best to test the coating before recoating. This can be done by pressing on the coating with your thumb to verify that no fingerprint impression is left. If no impression is created, then the recoat or topcoat can be started. Always remember that colder temperatures will require more cure time for the product before recoating can commence. We do not recommend any coatings be placed over this product except multiple coats of this product itself.

CLEANUP: Use Soap and Water

FLOOR CLEANING: Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

RESTRICTIONS: Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle. Dependent on actual complete system application, surface may be slippery, especially when wet or contaminated; keep surface clean and dry.