

staticWorx[®]
GroundSafe[®] ESD Flooring



< \$1.00 ft²

GroundWorx[™] **Basics**
Value-engineered ESD epoxy

Looking for a durable, attractive, easy-to-install, S20.20-compliant ESD floor at a fraction of the cost of other ESD flooring materials? GroundWorx™ (GX) Basics is the answer.

Features

DURABLE

GroundWorx™ Basics creates a finished ESD floor that's stronger and more durable than ESD paint. So strong that it resists damage from forklifts and heavy machinery—making it ideal for warehouses, shipping/receiving areas, and manufacturing spaces.

If the surface does get scratched, GX Basics is quick, easy and inexpensive to repair.

ATTRACTIVE

GroundWorx™ Basics is available in a variety of colors with a matte finish. If you prefer a high-gloss shine, simply spread StaticWorx CoatZF Sealer over the epoxy base. While CoatZF Sealer is not necessary for ESD performance—it does not add any essential ESD properties—many of our customers do prefer the high gloss shine to the GX Basics matte finish.

As an added bonus, Coat ZF reduces the time and cost of floor maintenance.

EASY INSTALLATION

GroundWorx™ Basics spreads like paint and can be applied directly over most subfloors, including wood, VCT, coatings and concrete. GX Basics is the only two-part ESD epoxy coating that's easily applied by novices – in fact, many of our clients apply their GX Basics floor themselves.

MEETS ANSI/ESD GUIDELINES FOR EPA-PROTECTED AREAS

GroundWorx™ Basics offers permanent conductivity and is fully compliant with all recommended guidelines for static-control flooring in an ESD-Protected Area per ANSI/ESD S20.20-2014.

LOW COST. HIGH VALUE.

With a material cost of < \$1.00 per square foot, GroundWorx™ Basics is an ideal ESD flooring option for low-cost projects and budget-minded clients. It's also perfect for temporary and leased spaces – or any space in need of an ESD floor where a capital investment doesn't make sense.



Application & Maintenance

GENERAL PREPARATION

Prior to coating, floor surfaces must be free of any release agents, curing compounds, salts or efflorescence. Before applying GroundWorx™ Basics, sweep and then wash the floor with an appropriate cleaning product to remove oil, grease, and soil. Follow by etching the surface with an etching solution. Then rinse thoroughly with clean water.

PREPARING PREVIOUSLY COATED FLOORS

If the floor has been previously coated, clean a small area, rough up with a screen disk using an 80-grit screen, and then apply sealer to test for adhesion, lifting, etc. Any areas of the existing coating that display poor adhesion should be stripped. Wash the stripped areas, acid etch, and rinse thoroughly. Allow the floor to dry.

APPLICATION

Catalyzed GroundWorx™ Basics should be used within six hours of mixing. Therefore, prepare only the quantity necessary for immediate use. Add pre-measured catalyst to epoxy base. Stir gently until the catalyst has been thoroughly mixed in. Allow catalyzed GX Basics to stand for 5 minutes. Apply catalyzed GX Basics with a short-nap roller in thin, uniform coats. The initial coat will cover approximately 400-500 ft² per gallon. Allow the initial coat to dry for 5-7 hours then apply a second coat. Second coat coverage is approximately 500-600 ft² per gallon.

Under normal curing conditions, the finished floor may be opened to light traffic after 12 hours. Complete curing with maximum durability and chemical resistance will take 5-7 days.

MAINTENANCE

Using StaticWorx maintenance products, GX Basics epoxy is easy to clean and maintain. Simply apply StaticWorx Eco Scrub degreaser, followed by ScrubWorx cleaner, and CoatZF Sealer.



Notes *Product not recommended for applications that experience reoccurring standing water.
New concrete floors should be allowed to cure a minimum of thirty days before applying any epoxy coating or finish, including StaticWorx GroundWorx™ Basics.
Application to floors colder than 60° F is not recommended.*

Specifications

DESCRIPTION	VALUE	TEST METHODS
Solids	35 ± 1%	—
Resistance	2.5 x 10 ⁴ - 3.5 x 10 ⁷ Ω	ANSI/ESD STM 7.1
System Resistance (w/ ESD Footwear)	< 3.5 x 10 ⁷ (fully compliant)	ANSI/ESD STM 97.1
Walking Body Voltage	< 100 volts	ANSI/ESD S97.2
Static Dissipation	0.02 seconds	ASTM F-101C
pH	6.0 ± 0.5	—
Weight per Gallon	9.1 pounds	—
Hardness	30	Sward
Viscosity	H - J	Gardner
Solvents	Water-glycol	—
Flash Point	> 212° F	—
Dry Time	Touch: 5-7 hours; Traffic: 10-12 hours	—
Water Resistance	8 hours - No Effect	—
Alcohol	1 hour - No Effect	—
Gasoline	8 hours - No Effect	—
Caustic 5%	2 hours - No Effect	—
Soap Resistance	8 hours - No Effect	SCOF
Slip Resistance	> 0.5	—
Coverage	400 - 600 ft ² per gallon	—
Odor	Moderate - Glycol Ether, Acetone	—
Gloss	Satin/Matte Finish	—
Indentation/Impact Resistance	< 5% average; 8% max	DIN EN 433
Abrasion Resistance	550g wheel, 10k cycles, 1.6% gauge loss	ASTM D1044
Freeze/Thaw Resistance	Do Not Freeze	—
Film thickness (@ 450 ft² per Gallon)	~3mm wet; 1.1mm dry	—
VOC Content	≤ 350 grams per liter	—

Chemical Resistances

CHEMICAL RESISTANCE (30-MINUTE EXPOSURE TIME)

Acetic Acid (Concentrate)	No Effect
Acetic Acid (5% Solution)	No Effect
Acetone	Very Slight Softening, No Color Change
Ammonium Hydroxide (28%)	No Effect
Amyl Acetate	No Effect
Benzene	No Effect
Butyl Alcohol	No Effect
Carbon Tetrachloride	No Effect
Cresol	Slight Surface Attack
Chloroform	No Effect
Ethyl Acetate	No Effect
Ethyl Alcohol	No Effect
Ethyl Ether	No Effect
Formaldehyde (40%)	No Effect
Gasoline	No Effect
Hydrochloric Acid (5%)	Slight Dulling
Hydrogen Peroxide (30%)	No Visible Change
Iodine	Yellow Staining
Methyl Alcohol	No Effect
Methylene Chloride	No Effect
Methyl Ethyl Ketone	Slight Surface Dulling
Mineral Oil	No Effect
Nitric Acid (5%)	No Effect
Nitric Acid (Concentrate)	Slight Surface Attack
Phenol	Slight Surface Attack

CHEMICAL RESISTANCE (30-MINUTE EXPOSURE TIME)

Silver Nitrate (40%)	Slight Brown Stain
Sodium Hydroxide (50%)	No Effect
Sulfuric Acid (5%)	No Effect
Sulfuric Acid (50%)	No Effect
Trichloroethylene	No Effect
Vegetable Oil	No Effect
Xylene	No Effect

CHEMICAL RESISTANCE (60-MINUTE EXPOSURE TIME)

Antifreeze	No Effect
Benzyl Alcohol	No Effect
Dodecylbenzen Sulfonic Acid	No Effect
Formic Acid	No Effect
Isopropanol (IPA)	Slight Softening, No Color Change
Mineral Spirits	No Effect
Naphthol Spirits	No Effect
Octyl Alcohol	No Effect
Oxalic Acid	Slight Dulling
Phosphoric Acid (75%)	Very Slight Softening
Sodium Hypochlorite (Bleach, 15%)	Very Slight Softening, Slight Dulling
Stearic Acid	No Effect
Tetrahydrofurfuryl Alcohol	No Effect
Toluene	No Effect

Available Colors

Platinum



Part# 7-0410

Teal
(non-stock)



Part# 7-0404

Pewter



Part# 7-0409

Emerald
(non-stock)



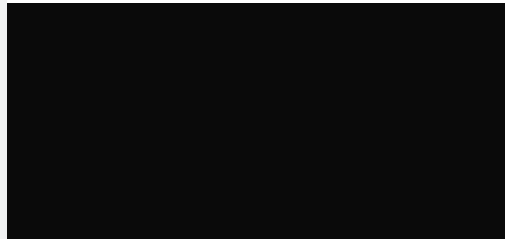
Part# 7-0411

Beige
(non-stock)



Part# 7-0403

Black
(non-stock)



Part# 7-0412

Note *GroundWorx™ Basics is sold in cases of four 1-gallon containers. Non-stock colors require additional production time. Optional primer is available.*

