

POLYURETHANE COATING



ArmorGuardTM Hard Floor Coating

POLYURETHANE COATING
CAPA DE POLYURETHANE

PRODUCT SPECIFICATION BULLETIN

THE FINEST IN JANITORIAL PRODUCTS, SUPPLIES AND EQUIPMENT SINCE 1946

Product No. 410

PRODUCT DESCRIPTION

Date prepared: 10/2008

LAWTON'S ARMORGUARD is a *top quality*, high solids, water-borne polyurethane coating designed for interior hard floors. ARMORGUARD is easy to apply, low odor, durable, non-yellowing, UV and scratch resistant.

DIRECTIONS

PREPARATION OF BARE CONCRETE:

STEP 1: Use a rotary floor machine or auto scrubber with a black pad and LAWTON'S LIFT OFF to thoroughly clean the floor. Autoscrub and wet vacuum to rinse and remove particulate soil.

STEP 2: A mild acid rinse to remove free alkali or surface lime is recommended. Mop on a solution of LAWTON'S SAN-O-LITE diluted 2 to 3 ounces per gallon of water. With clean water, flood rinse and pick up.

PREPARATION OF PREVIOUSLY COATED FLOORS: Thoroughly clean floor. Screen with 120 grit sanding screen (useful life of screen is 250 sq. ft. of floor surface area per side of screen). Vacuum sanding debris. With clean water, flood rinse and pick up. Tack floor several times with clean towel lightly dampened. **IMPORTANT:** Apply a small patch of finish to test for adhesion. Do not apply ARMORGUARD on top of a curing membrane or other soft coating.

APPLYING FINISH: Apply only on a completely dry, clean floor.

Using a T-bar applicator, apply the first coat of ARMORGUARD at 500 to 600 sq. ft. per gallon coverage. Allow to dry a minimum of 2 hours. Apply a second or third coat at 700 to 800 sq. ft. per gallon coverage. Allow a minimum of 2 hours dry and cure time between coats. **IMPORTANT:** Dry time is increased by low temperature and high humidity. Floor may have normal traffic after 24 hours.

LAWTON'S FLATTING AGENT: For a satin gloss finish, use LAWTON'S FLATTING AGENT as directed.

CLEAN-UP: Clean up equipment immediately after use with soap and water. If product has cured on equipment use LAWTON'S BREEZE or LAWTON'S BLAST OFF.

CAUTIONS

CAUTION: Keep out of reach of children. Any liquids spilled on a finished floor will cause a hazardously slippery condition. Clean up of spills should have immediate attention. Avoid eye contact. For eye contact, rinse with water. If irritation persists, get medical help. Do not swallow. If swallowed get medical help immediately.

WARNING: Do not pour unused finish back into container as it will damage the product.

CUIDADO: Mantenerlo alejado del alcance de los niños. La limpieza de los derrames requiere atención inmediata. Evite contacto con los ojos. Si tiene contacto con los ojos, enjuaguese bien con agua. Si la irritación persiste, busque ayuda médica. No lo ingiera. Si lo ingiere busque ayuda médica inmediatamente.

AVISO: No vuelva a vaciar el resto del producto que no utilizó adentro del envase original ya que esto dañará el producto.

HAZARDOUS INGREDIENTS:

Diethyleneglycol n-butylether	CAS NO. 112-34-5
Diethyleneglycol monoethylether	CAS NO. 111-90-0
n-Methyl-2-pyrrolidone	CAS NO. 872-50-4

PROTECTIVE EQUIPMENT

It is recommended to wear protective gloves and protective eyewear when using this or any chemical cleaning product. When spray applying, ventilation and breathing protection is recommended.

TECHNICAL DATA

Nonvolatile solids	25.0 ± 1% by wt.
Color and appearance	Milk white liquid.
Odor	Low odor, very mild.
Viscosity	Water thin.
pH	9.0 ± .5 @ 25°C.
Specific gravity	1.032 @ 25°C.
Weight per gallon	8.58 lbs. per gallon.
Dry time	30 to 45 mins.
Recoat time: Cure time to recoat	2 hrs.
Leveling	Excellent.
Gloss	Excellent.
Detergent resistance	Excellent.
Removability	Permanent.
Slip resistance	Meets ASTM Standard.
Nonyellowing	Excellent.
Dry film clarity	Excellent.
Freeze / thaw stability	Passes standard.
Flash point	Nonflammable.
Shelf life (stored properly)	> 1 year.

CONCENTRATE

LAWTON BROS., INC. MANUFACTURING CHEMISTS

ORLANDO

2515 DINNEEN AVENUE
P.O. BOX 547635
ORLANDO, FL 32854-7635
PH: 407-291-2501 • 800-432-0813
FAX: 407-290-0471

CLEARWATER BRANCH

14420 - 60TH STREET NORTH
CLEARWATER, FL 33760
PH: 727-531-1179 • 800-328-3210
FAX: 727-531-4566

OCALA BRANCH

1507 SOUTH PINE AVENUE
OCALA, FL 34474
PH: 352-629-8810 • 800-421-5777
FAX: 352-629-3797

MELBOURNE BRANCH

114 SOUTH BABCOCK STREET
MELBOURNE, FL 32901
PH: 321-951-0861
FAX: 321-951-9210