



PM-SLB

INDUSTRIAL GRADE EPOXY FLOORING

PRODUCT DATA SHEET

PRODUCT DESCRIPTION

PolyMax SLB is a very durable, slip resistant, industrial epoxy flooring system comprised of a tinted, moisture tolerant, multi-purpose epoxy and various aggregates. Designed to be extremely versatile, the surface finish can range from very aggressive to nearly glass smooth. The system's specially formulated epoxy has very good chemical resistance, excellent abrasion and impact resistance and superior color stability.

Adjustable curing rates allow **PM-SLB** to be installed under most environmental conditions. Fast cure hardeners return the floor to service within 24 hours.

TYPICAL USE

PM-SLB is designed to withstand the rigors of daily industrial traffic. Its epoxy rich matrix and special aggregate protect concrete floors from damage by harsh chemicals, impact and abrasion. Its most common usage is in food packing plants, wet process and chemical handling areas where slip resistance is paramount. It is also frequently used in test laboratories, rest rooms, showers and locker areas.

LIMITATIONS

Avoid on or below grade applications where water vapor transmission is greater than 5 lbs./1000 sq. ft. per 24 hrs. or where ambient operating temperatures exceed 170° F.

Substrate must be sound, dry and free of surface contamination. Ambient air temperature must be at least 60° F and 3° F above dew point during application.

PACKAGING

Standard packaging for liquid portion is 5 gallon pails. Unitized, larger or smaller packaging is available by special order.

STORAGE

For maximum shelf life, store in a dry area at temperatures between 50° F and 90° F. Protect product from freezing and excessive heat. Minimum shelf life is one year from date of manufacture when stored properly.

THICKNESS

Normal thickness is from 3/32" to 3/8". Thickness specified should be determined by performance requirements of floor and condition of substrate.

FEATURES

- Seamless
- Impact Resistant
- Variety of Finishes
- Chemical and Stain Resistant
- Minimal Odor During Installation
- Quick Installation
- Economical Price

BENEFITS

- Sanitary
- Smooth & Even Traffic Surface
- Slip Resistant or Very Easily Cleaned
- Reduced Maintenance Costs
- Can be Installed in Most Environments
- Reduced Down Time for Application
- Excellent Return on Investment

CAUTION

PolyMax SLB systems are intended for use by professional applicators. Results are highly dependent upon the skill of the applicator. Although materials are safe if properly handled, all personnel who are exposed to any chemicals must read and completely understand precautions and warnings on label and MSDS prior to use.

COMPLIANCES

All components of **PM-SLB** seamless flooring are compliant with the State of California Air Resources Board approved architectural coatings volatile organic compound (VOC) rule, San Diego APCD Rule 67, New York City AQMD Rule 205 and the New Jersey VOC requirements.

CHEMICAL RESISTANCE/PHYSICAL PROPERTIES

PM-SLB flooring is very resistant to most common physical stresses, industrial chemicals and solvents. For more comprehensive chemical resistance analysis or physical properties test results, contact **Tele-Tech** at **1-800-459-7659**.

REAGENT	30 MIN.	24 HRS.	7 DAYS
Acetone	N	F	F
Acetic Acid	N	F	F
Acetic Acid (5%)	N	N	N
Ammonium Hydroxide (28%)	N	N	N
Clorox	N	N	N
Ethylene Glycol	N	N	N
Gasoline	N	N	N
Isopropyl Alcohol (98%)	N	N	N
Mineral Spirits	N	N	N
Nitric Acid (10%)	N	D	F
Nitric Acid (70%)	D	F	F
Skydrol #500	N	N	N
Sulfuric Acid (45%)	N	D	D
Sodium Hydroxide (30%)	N	N	N
Toluene	N	F	F

N = NO ATTACK D = DISCOLORED F = FAILED

Physical Property	Test	Result
Compressive Strength	ASTM C-579	12,425 psi
Tensile Strength	ASTM C-307	6,110 psi
Flexural Strength	ASTM D-790	6,405 psi
Bond Strength	ACI 503R	>300 psi concrete failure
Linear Shrinkage	ASTM C-883	Nil
Hardness	ASTM D-2240	83 Avg.
Water Absorption	ASTM C-413	.009%
Flammability	MIL-D-3134F	Fire Retardant
Indentation	MIL-D-3134F	.003"
Elongation	ASTM D-638	4%

Actual test results may vary due to the use of various aggregates, application methods and floor finish. The foregoing test results are based upon laboratory prepared samples and results may vary if not prepared by a professional technician.

AVAILABILITY

PolyMax Polymer Products are available only through selected and approved applicators. This material is intended for commercial and industrial installations and should be installed by skilled, seamless flooring technicians. It is neither designed for nor available for consumer use.

Custom design assistance may be obtained by contacting **Tele-Tech** at **1-800-459-7659** 8:00 AM through 4:00 PM Central time.

COLOR SELECTION

Standard colors are Gray, Dark Gray, Tile Red and Mocha. (Custom colors are available at additional charge.)

CAUTION

COMPONENTS OF OR PRODUCTS USED WITH AND DURING THE INSTALLATION OF POLYMAX POLYMER PRODUCTS MAY INCLUDE HAZARDOUS MATERIALS.

All personnel exposed to or handling materials before and during installation must read and fully understand label precautions and Material Safety Data Sheets.

LIMITED WARRANTY

PolyMax Polymer Products are manufactured to meet the highest level of consistency and quality for their intended use. All products are warranted to meet the physical properties as listed above. Should any **PolyMax Polymer Products** be proven to be defective within one year of the date of shipment, the products will be either replaced or at our discretion a credit for the full purchase price will be issued. The successful performance of seamless flooring is highly dependent upon many factors beyond our control. Therefore, except for such replacement or refund **PolyMax** and its affiliates **MAKE NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS, DESIGN COMPATIBILITY OR MERCHANTABILITY, RESPECTING ITS PRODUCTS.** Other than that stated in the foregoing, **PolyMax** and its affiliates shall have no other responsibility or liability, including direct and/or indirect and/or consequential damages and/or damages from delay and/or damages to any third party with respect to the use of its products. Claims regarding product quality must be received in writing within 30 days of discovery of defect.

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