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SAFETY COAT PLUS COLD CURE

Anti-slip coating for wet or oily areas

DESCRIPTION AND USES

Heavy duty, anti-slip flooring system for dangerous areas. Safety Coat Plus is a coarse-textured, slip resistant epoxy coating designed to provide positive slip resistance in areas of severe hazard even when wet or oily. It is ideal for ramps, steps, loading bays, walkways and around machinery and also for use on vehicle tail lifts and steps. It is suitable for both interior or outdoor applications. Safety Coat Plus has excellent adhesion to concrete, stone, wood and flat steel with resistance to chemical attacks and harsh mechanical scrubbing.

PRODUCTS

C250584 - Silver Gray	C250584A Act. / C250584B Base / C250584C Aggregate
C250406 - Navy Gray	C250406A Act. / C250406B Base / C250406C Aggregate
C250807 - Tile Red	C250807A Act. / C250807B Base / C250807C Aggregate
C250209 - Black	C250209A Act. / C250209B Base / C250209C Aggregate
C251508 - Safety Yellow	C251508A Act. / C251508B Base / C251508C Aggregate

COMPANION PRODUCTS

J510001 - 18" Roller Frame and Handle
 J510002 - 18" Replacement Roller
 J510004 - 4" Paint Brush

PACKAGING

50 sq. ft. kit (The kit contains the base, activator and aggregate)

APPEARANCE

Attractive, colored, coarse anti-slip finish

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SURFACE PREPARATION

The concrete surface must be clean, dry and free of loose material. New concrete should be allowed to cure for 28 days prior to coating. Remove oil, dirt, grease and other chemical contaminants by cleaning with detergent or other suitable cleaner. Rinse thoroughly. Use Cemtetch[®] to remove unsound laitance and create a proper surface profile to the concrete. Rinse thoroughly and allow to dry before application of Safety Coat Plus. Note: Concrete that has a sealer or curing agent on it may not respond to the Cemtetch treatment. It may be necessary to remove the sealer and create a surface profile by a mechanical method.

MIXING

Store all materials of the kit at a temperature of 60-85°F for at least 8 hours prior to use. Combine the base and activator components into a clean 2 gallon or 5 gallon plastic or metal pail. Use a paint paddle or spatula to scrape out and transfer as much of the material as possible. Mix the components thoroughly until an even, uniform color is achieved. If using a power mixer use a paint paddle or spatula to blend in any unmixed material from the sides and bottom of the pail. Do not mix in the anti-slip aggregate. Do not mix more than one unit at a time. Immediately pour the material into a roller pan and do not delay application. The working time is 30 minutes @ 70°F, less at higher ambient temperatures, and unused material will get hot and may pose a hazard. Pot life of the mixed components left in the mixing container is 5-10 minutes.

APPLICATION

Apply in a well ventilated area when the air and surface temperatures are between 32-50°F. Use a good quality lint free 3/8" nap roller with a phenolic core. A brush may be used for cutting in along walls. Roll out a workable section, then immediately broadcast the anti-slip aggregate uniformly over the wet coating to obtain the desired surface finish (full or light coverage). Using the same roller, re-roll over the section to help anchor the aggregate. Continue with the same procedure until the entire floor area to be coated is completed. Remember, the working time is approximately 30 minutes, so application should not be delayed. Protect the coating from water (including excessive condensation) until the surface has been allowed to cure for the times stated above. Early water contact while the coating is curing can reduce the gloss of the finish. Full chemical resistance will be gradually achieved over 7 days. Do not wash the surface with cleaning solution or water within this period. In common with all epoxy resin coatings, some color fading can occur when exposed to direct sunlight. Safety Coat Plus should not be used where the 'in-service' temperature of the area exceeds 115°F. Do not steam clean.

CURING TIME

Curing time is affected by air and ground temperature. Safety Coat Plus Cold Cure takes approximately 24 hrs at 50°F, and approximately 48 hrs at 32°F. Be sure the product is fully cured before putting the area back into service.

COVERAGE

Up to 50 sq ft per kit.

PHYSICAL PROPERTIES

VOLATILE ORGANIC COMPOUNDS	<50 g/l
COEFFICIENT OF FRICTION	Dry: 1.02 / 1.01 - .86 / .90 • Wet: 1.04 / 1.01 - 1.20 / 1.19
PRACTICAL COVERAGE	One gallon will cover approximately 50 sq. ft. per kit; one coat will cover most surfaces
CURING TIME	Approximately 20 hours @ 60-70°F to accept light foot traffic
POT LIFE	Approximately 30 minutes at 70°F
STORAGE	The product must be stored for at least eight hours prior to use at a temperature range of 60°F minimum and 85°F maximum
SHELF LIFE	2 years
FLASHPOINT	200°F (94°C)

WARNING: FOR INDUSTRIAL AND COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. REFER TO SAFETY DATA SHEET (SDS) AND LABEL FOR ADDITIONAL SAFETY INFORMATION.

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