



SOLHYDCOAT SAFETY YELLOW

Epoxy coat
for security zones

SOLHYDCOAT SAFETY YELLOW is a two-component, 100% solids epoxy coating in the color Yellow Safety. SOLHYDCOAT SAFETY YELLOW quickly provides a surface that resists abrasion and a variety of chemicals. The absence of a solvent in the formula gives a product that is odorless and meets the requirements for C.O.V.

■ USES

SOLHYDCOAT SAFETY YELLOW is used to delineate areas of safety, danger or work in indoor industrial environments.

TYPICAL USES:

To delineate areas and safety corridors in the following locations:

- Warehouse floors and factories in the food industry
- Institutional Buildings
- Pharmaceutical factory floors
- Chemical plant floors
- Chemical plant floors

■ PRODUCT FEATURES

- Contains no solvents and no harmful odor during application
- Will not contaminate food due to lack of C.O.V.
- Fast curing
- Excellent resistance to wear and abrasion
- Bright safety yellow color
- No bleeding beneath the paint tape
- Excellent hiding power with a single application
- Specific formulation for horizontal application
- Specific formulation for horizontal application and a specific formulation designed for vertical application

■ PRIMING

SOLHYDCOAT SAFETY YELLOW does not require any primer.

■ SURFACE PREPARATION

SOLHYDCOAT SAFETY YELLOW must be applied to a clean, healthy and dust free surface. Sandblast to remove the glossy layer on existing epoxy coatings, then vacuum to remove any dust.

Concrete surfaces must be clean and free of any existing plaster. The new concrete must have matured for a minimum of 28 days. Dry surfaces allow easier application, however SOLHYDCOAT SAFETY YELLOW will adhere to clean, wet concrete surfaces. Remove any debris from the workplace. Remove all traces of oils, grease, dirt and wax solutions from the surface. Use all necessary means to remove laitance, ripening membranes or any substance that may prevent good adhesion. Special attention should be paid to oils and other foreign materials that could penetrate the concrete. Pullout tests should always be performed to verify that the preparation is adequate. Repair all cracks with the appropriate resin. Repair all cracks with the appropriate SOLHYDWELD resin.

MATERIAL PHYSICAL PROPERTIES @ 23°C (73°F)

MIXING/RATIO			PROPERTY	
	A	B		
Volume	2 or 3	1	% of solids	100 %
			Viscosity	Paint
			Density	1.43 kg/litre (11.9 lbs/gal)
			Pot life	14 minutes
			Touch dry thin film	4 hours
			Time to walk on	8-10 hours
			Time to traffic	12-16 hours
			Final curing and maximum resistance	7 days



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■ PRODUCT MIXING

SOLHYDCOAT SAFETY YELLOW is sold as a two-component system in specially designed units according to the type of application:

HORIZONTAL APPLICATION

Units of 15.18 liters (4 gal) pre-measured to meet the ratio of 3A (resin): 1B (hardener).

VERTICAL APPLICATION

Units of 11.4 liters (3 gal) pre-measured to meet the 2A ratio (resin): 1B (hardener).

- Check that components «A» and «B» are well mixed uniformly in their respective containers.
- Then add all the contents of component «B» in container «A» and mix until a uniform color is obtained.
- Mixing must be done at low speed (max 300 rpm).
- Add the bowl of anti-slip balls to the mixture and stir until a homogeneous consistency is achieved

■ PRODUCT APPLICATION

Apply SOLHYDCOAT SAFETY YELLOW to the substrate using a scraper (squeegee) or paintbrush for the sides and difficult spots to join. Once the product is placed evenly, use the short-nap roll to extend the product (backroll). Remove the tape after one hour after applying the product, just before initial curing. Allow enough time for curing before exposing equipment to heavy traffic.

■ CURING

SOLHYDCOAT SAFETY YELLOW is a self-ripening product.

■ ESTIMATING / YIELD

SOLHYDCOAT SAFETY YELLOW is packaged in 15.18-liter (4-gallon) or 11.4-liter (3-gallon) units. The approximate yield is 4 m² / L per coat, to a thickness of 10 mils.

■ PRECAUTIONS / RESTRICTIONS

- Do not apply at temperatures below 10°C (50°F)
- Do not apply on substrates outside
- Do not leave the mixed product in the mixing container, the pot life is limited
- The curing time will depend on the temperature of the substrate and room. Sufficient time must be allowed for the product to mature before placing it on heavy vehicles.

■ PACKAGING

SOLHYDCOAT SAFETY YELLOW:

Units of 15.18 liters (4 gal) horizontal or 11.4 liters (3 gal) vertical

SAFETY YELLOW COLOR:

150 g jar

ANTI-SLIP BEADS:

150 g jar

■ RECOMMENDED TOOLS

The following tools will ensure efficient and economical installation:

- Squeegee
- Paint brushes
- Short-haired rolls
- Steel trowel

■ CLEANING

Use ACETONE to clean all tools and equipment.

■ STORAGE

Store in a dry and temperate place.

■ SAFETY

See Material Safety Data Sheet.