



Relay[®] Polymer resurfacer

Product Information Sheet

PRODUCT DESCRIPTION

RELAY™ is a primerless ready-to-use water base polymer that when mixed with RELAY Powder, can be used for thin bond resurfacing, deep patch and overlay applications. The **RELAY** mix-design is ideal for resurfacing old, worn or damaged surfaces. It's unrivaled adhesion and flexibility characteristics allow effective applications to a wide variety of surfaces e.g. roads, bridges, airports, parking garages, sidewalks, shopping centers, etc.

RELAY can be used to produce a feather edge without losing strength or adhesion; or can be placed up to 12" deep in a single lift. It is ideal for repairing and texturing while establishing a safe slip coefficient surface. It is both durable and reliable.

Using the appropriate powder formulation, **RELAY** can produce a smooth, textured, broom or tined surface. It can be colored using water-based or powder pigments. Treated surfaces can be acid stained, painted, coated or sealed. While **RELAY** is primarily used in horizontal applications, it is also excellent for vertical applications.

POWDER

SINAK Corporation produces 4 different powder formulations to provide different surface profiles and depth.

RELAY Smooth – Excellent for producing an ultra-smooth surface. It can be used for floor preparation, or restoring the look and function of older, damaged warehouse floors. Refer to the RELAY Smooth data sheet for additional mixing, usage and application information.

RELAY 90-QS – A quick drying easy to use thin bond resurfacer that is excellent for repairing damaged concrete

and will produce a relatively smooth (100 grit) surface profile or a light broom or textured surface. It is recommended for applications less than ¼". Refer to the RELAY 90-QS data sheet for additional mixing, usage and application information.

RELAY Overlay – A quick drying easy to use overlay product that is excellent for overlaying, patching and repairing damaged concrete. It is recommended for applications up to ½". For applications greater than ½", add equal volume of pea gravel aggregate to powder. Refer to the RELAY Overlay data sheet for additional mixing, usage and application information.

RELAY Concrete Mix – A quick drying easy to use concrete mixture that can be used at a depth of ¾" or more. Refer to the RELAY Concrete Mix data sheet for additional mixing, usage and application information.

ADVANTAGES

- Unrivaled adhesion
- Waterproof
- Bonds to asphalt, epoxy, and urethanes with no primer
- Excellent abrasion resistance
- Open to traffic in as little as 1 hour
- Outstanding durability

APPLICATION

Tools, Equipment and Materials

General tools

Mixing motor, mixing paddle, eye goggles, particle mask, polyethylene sheeting (and/or rosin paper), duct or blue tape, measuring containers, containers for mixing and cleanup, gloves.

Additional speciality tools may be required.

Surface Preparation

Surface must be clean and dry (**RELAY** will not adhere to damp surfaces). Remove surface bumps and imperfections. Vacuum or sweep up loose debris.

MIXING INSTRUCTIONS

See appropriate product information sheet for mixing details.

Mixing Procedure:

1. Mix or stir **RELAY** Polymer prior to use.
2. Pour **RELAY** into mixing container.
3. Add RELAY Powder, while mixing continuously.
4. Mix thoroughly.
5. Immediately wash mixing equipment.

Note: Applicator must determine the mixture consistency and method suitable for their particular application. To thin the mixture, add additional **RELAY**. To thicken the mixture, add additional powder.

Precautions:

Remove all materials that may have low internal strength or a weak bond to the substrate.

If glossy or sealed surfaces are to be treated they should be prepared by sanding or grinding.

For standing surface oil or grease, scrape and/or wipe surface clean. Remove residue with a degreaser. Rinse well with clean water. The application may begin after the surface has dried completely.

RELAY mixture will not adhere to standing oil, grease, visibly damp surfaces, or surfaces that have been treated with a silicone or wax based product.

Protect all surfaces not intended for resurfacing. **RELAY** bonds tenaciously



to most surfaces. Should **RELAY** get on surfaces unintentionally, remove **IMMEDIATELY**. If allowed to harden, removal may not be possible without damaging the surface.

Do not allow **RELAY** to harden on tools or equipment. Do not leave exposed to direct sunlight.

APPLICATION INSTRUCTIONS

Do not pour more than can be easily spread in 5 minutes. Drying will take longer in shaded areas, indoors, and in holes and cracks. Increased ventilation (e.g. fans, moving air) will shorten drying time, and is recommended for all indoor applications.

COVERAGE

Coverage is dependent on the type of powder and depth of application. Applicable spread rates can be found on the **RELAY** Powder product information sheet.

STORAGE AND HANDLING

RELAY Polymer has 1 year shelf life from date of manufacture when stored in a cool dry area out of direct sunlight.

AVAILABILITY

RELAY is available in 1-gallon jugs, 5-gallon pails, and 55-gallon drums. Call SINAK Corporation for most convenient source.

LIMITED WARRANTY

SINAK Corporation warrants its products to be of the highest quality. Since application of the product is a crucial factor in obtaining satisfactory results, and is beyond the control of SINAK Corporation, refund of purchase price or replacement of product shall constitute the limit of SINAK Corporation's liability. SINAK Corporation makes no other warranties, expressed or implied, with respect to the products or any service and disclaims all other warranties, including any warranty of merchantability and fitness for a particular purpose. This limited warranty may not be modified by representatives of SINAK Corporation, its distributors or dealers.

TECHNICAL ASSISTANCE

Technical assistance is available from the manufacturer, trained field representatives, and approved applicators.