

## NU-STAIR™

### Stair Resurfacing Compound



#### DESCRIPTION

Nu-Stair™ is a combination of high strength, non-shrink, and permanent concrete repair compound. It is characterized by extremely fast set, which permits the use of repaired surfaces immediately after application, thus avoiding "out of service" areas for prolonged periods.

#### USES

Repairs worn or damaged concrete steps, curbs, highway expansion joints, swimming pool repair, concrete floor repair, anchor bolts and posts, and concrete pipe repair.

#### PRODUCT ADVANTAGES

- Easy to mix and apply.
- No formwork needed.
- Sets even in cold weather.
- Zero traffic down time.
- Corrosion resistant - unaffected by water, oil, and chemicals.

#### YIELD/COVERAGE

Approximately 20 square feet at 1/4" per 5 gallons.

#### PACKAGING

5-gallon pail

#### SURFACE PREPARATION

All dirt, oil, dust, foreign contaminants, peeling coating and laitance must be removed from surface prior to coating to assure a trouble free bond. Previously coated floors exhibiting a strong bond to surface can be coated over by sanding down the existing coating.

#### MIXING AREA

Select a suitable mix area and protect the floor surface from accidental resin spillage with a layer of cardboard and/or plastic sheet. Provide enough space for free unimpeded movement for mixing activity. The more comfortable your surroundings in the mix area, the less likely your mixers are to have an error. Have all necessary tools ready: slow speed drills, mix and measure containers, etc. **Do Not Start Mixing Materials Until Ready For Immediate Use.** Once hardener and polymer liquid are combined, it must be used immediately. Prior to mixing apply masking tape wherever

Technical Data for Nu-Stair™ (Product And Curing Conditions At 73°F And 50% R.H.)	
Storage Conditions	Store dry at 40°-95°F. Condition material to 65°-75°F before using
Set Time	Approximately 5 to 10 minutes initial. 12 hours traffic ready.
Mixing Ratio	1 quart resin : 12.5 lbs cement
Compressive Strength 1 Hour	2,000 psi
Density	104.5 lbs per cubic foot
Flash Point 0°F (Pensky-Marten's)*	None
Auto ignition temperature – horizontal furnace*	No ignition
760°C tempered steel ball test	No ignition
Dust Cloud Test – G.G. Furnace* Bunsen Burner Shaker Test	No ignition

\* Div. of Explosives and Materials Labs Test Results.

coating is intended to stop. Keyed edges must be installed at edge termination points to protect the material from chipping damage and to obtain a clean, straight edge.

#### MIXING

Using the supplied resin, mix 1 quart for every 12.5 lbs. of cement. The resin and setting powder components are pre-measured so that when mixed will produce a non-slump consistency. Add the powder to the resin portion while mixing. Mix only long enough to "wet out" the powder, but no more than one minute. The mixture sets rapidly, so do not mix more material than can be applied in 3 to 5 minutes. If a more fluid consistency is desired, withhold some of the resin initially and add to the finished mix to adjust to the proper consistency.

#### HOT AND COLD WEATHER PRECAUTIONS

**Hot Weather:** Over 70°F the mixture will set rapidly. Store the material in a cool area, preferably not over 70°F prior to use.

**Cold Weather:** Store at normal room temperature. Cold weather slows down the setting time. Preheat the area to be patched to compensate for the cold conditions. As a general rule, do not use below 40°F unless compensating steps are taken to eliminate the effect of the cold weather.

#### APPLICATION

Pour or trowel into area to be patched.

#### CLEAN UP

Clean tools with water before product sets.

#### SLIP & FALL HAZARDS

Ensure cured coating surface remains dry in pedestrian, equipment and vehicular areas to avoid slips and falls of people, equipment and vehicles. Use caution when coating is wet or when oil, hydraulic fluids, grease or other chemicals, fluids or agents that may produce a slick surface are present. Increase slip resistance by broadcasting an appropriate size aggregate into the wet coating during application in all areas where enhanced coating traction may be necessary. **Be aware of the full cure time. Do not open the area to normal service, harsh industrial chemical or abusive use before the coating is fully cured.**

#### DISCLAIMER

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## **COLOR**

Applied samples, color charts, illustrations and reproductions in catalogs and other Garon publications are not guaranteed to match the color shades of materials ordered. Colors or clarity for clear may be affected by high humidity, low temperatures, or chemical exposure. Tire contact may cause discoloration. Slight lot-to-lot color variations may occur. Light or bright colors (white, safety yellow, etc.) may require multiple coats or a suitable color coordinated primer to achieve a satisfactory hide. When ordering to match a previous color, inquire if the same lot number or quality control number is still available. Colors may vary from batch to batch, therefore, use only product from the same batch for an entire job.

## **FIRST AID**

Skin contact- wash thoroughly with soap & water. If any product gets into the eye, rinse immediately and repeatedly with water for at least 15 minutes. For respiratory problems, remove person to fresh air. Wash clothing before re-use. Dust may cause skin or eye irritation. Wear gloves, eye and nuisance protection. **Consult SDS** and call for medical care if necessary.

## **CAUTION**

Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to use when handling this product. Use only as directed.

## **LIMITATIONS**

The user is responsible for proper application. Minimum ambient and surface temperatures at 45°F and rising at time of application.

**Keep container tightly closed. Not for internal consumption--consult MSDS for additional information. This product is for professional use only.**

## **KEEP OUT OF REACH OF CHILDREN**

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