QUICK-FIX

High Strength, fast-setting, polyurea based, concrete floor surface repair system.

Green ENGINEERED

VOLATILE ORGANIC COMPOUND (VOC) REGULATORY COMPLIANCE

	USEPA	CARB-SCM	SCAQMD	LADCO, OTC	UT-R307, CO	MCAQMD	CT, MD, DE, D.C., N.Y.	CANADA
QUICK -FIX	■	■	■	■	■	■	■	■

HOW IT WORKS

QUICK-FIX is a opaque, high-performance, polymeric concrete floor repair product designed to quickly and permanently repair/patch floor surface defects, divots, fastener holes, gouges, cracks and spalls. QUICK-FIX can also be mixed with silica sand, silica flour or fumed silica to repair joint nosing or deep floor surface damage. Can be tinted with Nox-Crete's Neptune Gray Color Tint Pak, mixed with Portland cement, ground up concrete, organic dyes or shake-on color pigments to achieve improved color match to existing concrete floor surfaces. QUICK-FIX can be easily applied by a mix-and-pour method or with a steel trowel, or flat bladed squeegee. Patched floor surfaces can be shaved level with a sharp razor blade floor scraper or ground smooth with a sander, grinder or polisher to achieve nearly undetectable repairs.

APPLICATIONS

- Use on warehouse floors to repair scrapes, gouges and holes.
- Use on tilt-up projects to repair fastener holes and other floor surface imperfections.
- Use on polished concrete floors to repair all types of surface defects.
- Use to repair floor damage in refrigerated or cold storage buildings.
- Use to repair floor damage in high traffic forklift loading and unloading areas.
- Use to repair exposed concrete floor surface damage in retail applications such as home improvement stores, hardware, grocery and membership warehouse stores.
- For use wherever a high strength, fast setting, durable floor repair product is required.

ADVANTAGES

- Specifically formulated to withstand heavy forklift and pedestrian foot traffic in industrial warehouse and retail applications.
- Can be used to repair both minor floor surface imperfections as well as deeper damage/defects such as spalls or pop-outs.
- Can be blended with silica flour, fumed silica or sand aggregates to make a slurry or trowelable mortar.
- Can be used neat to fill pinholes or other surface imperfections in polished concrete floor applications.
- High strength - up to 10 times stronger than concrete.
- 1:1 mix ratio is easy to measure and easy to mix.
- Can be easily tinted with pigments, dyes, Portland cement or concrete grindings for improved color matching.
- Low viscosity, self-leveling formulation is easy to apply.
- Extended working time (pot life – 4 mins) allows plenty of time to place and finish.
- Can be sanded, ground or diamond polished to achieve smooth transitions.
- Open to traffic in a less than 60 minutes.
- Low odor – can be safely used in food storage facilities.
- Low temperature cure allows it to be used in refrigerated and freezer applications.
- Compliant with current USDA requirements for incidental food contact.
- Green Engineered™ – Contains no solvent and has zero VOC which is better for health and the environment.

⚠ PRECAUTIONS⚠

- QUICK-FIX must be protected during shipping and storage from exposure to temperatures below 55 deg F (13 deg C). Extended exposure below this temperature can result in crystallization or seeding of the Component A. If this occurs, it will be necessary to heat the Component A to approximately 100 deg F (38 deg C) or until the crystals have melted back into solution. Care should be exercised during the heating process to avoid overheating and to ensure the container is kept sealed at all times to prevent the escape of isocyanate vapors and to prevent humidity from entering the container.
- In refrigerated or freezer applications where QUICK-FIX is to be applied to cold or frozen substrates, QUICK-FIX components must be kept at a temperature above 55 deg (13 deg C) prior to use.
- For best results, concrete substrate temperature to be repaired should be above -25 deg F (-32 deg C). Colder substrate temperatures will lengthen or extend product cure times.
- Not for use in filling dynamic cracks, control joints, construction joints or expansion joints that are subject to possible movement.
- Not for application to wet or damp surfaces. Concrete surfaces to be repaired must be absolutely dry.
- Not for application to surfaces that have not been previously cleaned of all dust, dirt, construction residue and other foreign contamination.
- If sand or aggregate fillers are to be added to QUICK-FIX,

they must be oven dried. Any moisture contamination will cause QUICK-FIX to bubble or turn foamy.

- Not for application to vertical or overhead surfaces.

USE INSTRUCTIONS

- Request current product literature, labels and safety data sheets from manufacturer and read thoroughly before product use.
- Site environmental conditions, substrate conditions and concrete mix design have a major effect on product selection, application methods, procedures and rates, appearance and performance. Product literature provides general information applicable to some conditions. However, an adequate production test application by the purchaser or installer in advance of field scale use is mandatory (irrespective of any other verbal or written representations) to verify that product and quantities purchased can be satisfactorily applied and will achieve desired appearance and performance under intended use conditions.
- Ensure that the surface to be patched is structurally sound. Mechanically remove all contaminants with a wire brush, scrubber, grinder or other equipment to ensure that the surface is free of all substances that could interfere with adhesion.
- QUICK-FIX is supplied un-tinted without color, but can be tinted with Nox-Crete's Neptune Gray Color Tint Pak or with organic floor dyes, shake-on color pigments, Portland cement or ground up concrete powder. If using Nox-Crete's Neptune Gray Color Tint Pak, add color at the rate of 3 oz (88 ml) per 1.0 gal (3.8 L) of QUICK-FIX. To ensure compatibility, mix color with a small sample of QUICK-FIX and apply to a small section of floor. Product should cure normally absent of any gas bubbles. **Always add color tint paks or other coloring additives to the Component B prior to mixing with Component A**. Un-tinted, QUICK-FIX will cure to a milky white appearance.
- Ensure the liquid temperature of QUICK-FIX Components A and B are at a minimum temperature of 55 deg F (13 deg C) prior to mixing.
- **Prior to any mixing, shake or stir both components <u>thoroughly</u> to mix.** Measure equal parts (1:1 mix ratio) of Component A and Component B using a volumetric measuring container. To start, combine both components into one container and quickly mix thoroughly for 10 to 15 seconds with a stir stick or at low speed with an electric drill equipped with a helix type mixer or other suitable mixing device. Do not thin.
- Apply QUICK-FIX by a mix-and-pour method, or with a steel trowel, spring blade or squeegee. If applying QUICK-FIX by trowel, spring blade or squeegee, wipe the blade periodically with mineral spirits to reduce sticking.
- Overfill patches to a slightly crowned excess. Allow QUICK-FIX to cure a minimum of one hour and no longer than six hours prior to removal of excess. Excess product can be removed with a razor blade scraper, grinder, sander or polisher.
- For deeper repairs, 20 - 30 mesh dried sand aggregate or silica flour can be blended into the mixed product. Prime areas to be repaired using QUICK-FIX neat (no sand or other aggregate) prior to applying the QUICK-FIX and sand aggregate blend. Sand aggregate mix ratios can range by volume between 1 - part QUICK-FIX to 2 or 3 - parts sand. Prime coat can be top coated within 30 minutes, but should not be delayed more than 4 hours to ensure good intercoat adhesion. If the recoating window has been exceeded, additional surface preparation will be required. If repairing voids deeper than 1.0 inches (2.5 cm), it is best to apply the QUICK-FIX in lifts. The presence of bubbles or foam indicates that the lift thickness should be reduced.

TECHNICAL DATA

Description	Test Method	Test Results
Density	NA	8.7 lbs/gal
Solids Content	ASTM D2369	92%
Mixed Viscosity	NA	275 cps
VOC	EPA Method 24	<150 g/L
Color	Transparent	Opaque
Gel Time/Pot Life	NA	4 minutes
Working Time	NA	5-6 minutes
Tack Free Time	NA	9 minutes
Hardness (Shore D)	ASTM D2240	57
Tensile Strength	ASTM D638	>3,000 psi
Adhesion to Concrete	ASTM D7234	>250 psi
Open to Traffic	NA	60 minutes

PACKAGING

Product is a sold as a two component kit with a 1:1 mix ratio and is packaged in 0.5 gal (1.9 L), 2.0 gal (7.6 L) and 10 gal (37.9 L) kits. The 0.5 gal kits are sold three per case (total 1.5 gal) and the 2.0 gal kits are sold two per case (total 4.0 gals).

SHELF LIFE

Shelf life is one year. Use before the "USE BY" date stated on product packaging.

HANDLING / STORAGE

Store in a dry location within a temperature range between 55° F (13° C) and 80° F (27° C).

AVAILABILITY AND TECHNICAL SERVICES

In addition to corporate offices in Omaha, Nebraska, NOX-CRETE INC. maintains regional offices and distribution centers in principal markets throughout the world. For source or technical information, call 800-669-2738 or 402-341-2080.

LIMITED WARRANTY

NOTICE-READ CAREFULLY

CONDITIONS OF SALE

NOX-CRETE offers this product for sale subject to, and Buyer and all users are deemed to have accepted, the following conditions of sale and limited warranty which may only be varied by written agreement of a duly authorized corporate officer of NOX-CRETE. No other representative of or for NOX-CRETE is authorized to grant any warranty or to waive limitation of liability set forth below.

WARRANTY LIMITATION

NOX-CRETE warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, NOX-CRETE will replace the defective product with new product without charge to the purchaser.

NOX-CRETE makes NO OTHER WARRANTY, either express or implied, concerning this product. There is NO WARRANTY OF MERCHANTABILITY. In no case shall NOX-CRETE be liable for special, indirect or consequential damages resulting from the use or handling of the product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which damages are claimed.

INHERENT RISKS

NOX-CRETE MAKES NO WARRANTY WITH RESPECT TO THE PERFORMANCE OF THE PRODUCT AFTER IT IS APPLIED BY THE PURCHASER, AND PURCHASER ASSUMES ALL RISKS ASSOCIATED WITH THE USE OR APPLICATION OF THE PRODUCT.

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