

# PANEL PATCH



Fast drying, smooth textured, non-grit containing, portland cement based, polymer modified, concrete resurfacing and finishing compound.

## HOW IT WORKS

PANEL PATCH incorporates a unique blend of portland cement, acrylic polymer modifiers and ultra-fine aggregates to achieve a fast drying, smooth textured, high strength patching, resurfacing and finishing compound.

## APPLICATIONS

- ◆ Use to repair most minor surface defects on precast, tilt-up and cast-in-place concrete wall surfaces.
- ◆ Use to repair air voids (bug holes), honeycombs, spalls, gouges, chips and scratches prior to painting.
- ◆ Use to achieve perfectly smooth, featheredged transition repairs.

## ADVANTAGES

- ◆ Exceptional bond to concrete and masonry surfaces.
- ◆ Fast drying - minimum of 15 minutes.
- ◆ Can be featheredged for smooth transitions.
- ◆ Smooth, creamy consistency (contains no coarse grit).
- ◆ Contains no gypsum
- ◆ Color blended to match concrete color.
- ◆ Self-curing in most applications.
- ◆ Easy to use single component formulation.

## ▲ PRECAUTIONS ▲

- ◆ The maximum recommended thickness for PANEL PATCH is 0.5 inch (1.3 cm). For applications in excess of 0.5 inch (1.3 cm), use NOX-CRETE'S ACRYLIC PATCH or VERTICAL PATCH.
- ◆ Do not use PANEL PATCH where the patched area will be subjected to intermittent or continuous immersion in water.
- ◆ Do not mix more product than can be used in 20-30 minutes at 72° F (22° C).
- ◆ Do not retemper with water to restore workability.
- ◆ Do not apply to frozen substrates or if temperature is expected to drop below 45° F (7° C) within 24 hours.
- ◆ Do not apply if rain is expected within 24 hours following application.
- ◆ Do not apply product directly over dynamic cracks, control joints, expansion joints or isolation joints.

## USE INSTRUCTIONS

- ◆ Request current product literature, labels and material safety data sheets from manufacturer and read thoroughly before product use.
- ◆ Site environmental conditions, substrate conditions and construction 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 site 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.
- ◆ Verify that the surface to be patched is structurally sound and clean of all dust, dirt and foreign contaminants, including all oil, grease, tilt-up bondbreaker and form release and curing compound residue. General cleaning recommendations include pretreating the surface to be patched with NOX-CRETE'S BIO-CLEAN, followed by a minimum 3,500 psi high pressure wash with water. Exceptionally weak or contaminated surfaces may require mechanical surface preparation, such as grinding or sandblasting.
- ◆ Pre-wet mixing containers and drain excess water prior to mixing initial batch.
- ◆ Add the appropriate amount of clean mixing water (see technical data) to mixer and slowly add PANEL PATCH while continuously mixing. Mix for 2-3 minutes or until a uniform consistency is achieved.
- ◆ Apply PANEL PATCH to concrete wall surfaces with either a rubber float or steel trowel. Apply sufficient pressure to fill all surface defects. Minor touch-up of patched areas can be accomplished using a damp sponge once PANEL PATCH achieves its initial set. Once hardened, PANEL PATCH can be easily sanded to achieve the desired appearance.
- ◆ Avoid overworking the surface.
- ◆ Do not add water to the surface being finished.
- ◆ Best results are obtained if PANEL PATCH is applied in the shade. Schedule applications to avoid applying PANEL PATCH in direct sunlight or under adversely hot and/or windy conditions.

PANEL PATCH

● Patching / Repair Mortars & Grouts



chemical solutions to concrete problems

## TECHNICAL DATA

### Water Requirement\*

<u>PANEL PATCH</u>	<u>Mixing Water</u>
6 lb. (2.7 kg)	0.8 qt. (0.7 l)
12 lb. (5.5 kg)	1.6 qt. (1.5 l)

**\*Note:** Jobsite conditions may affect actual quantities of water needed. Above mixing water recommendations are intended only as a guide.

## PACKAGING

Packaged in 12 lb. (5.5 kg) resealable, plastic pails and 40 lb. (18.2 kg) bags.

## SHELF LIFE

One year from date of manufacture in properly stored conditions. Use before expiration date indicated.

## HANDLING/STORAGE

Contains portland cement and silica sand. Use proper safety equipment (gloves, goggles or glasses and dust masks). Read Material Safety Data Sheet prior to using. Store in a cool, dry area.

## AVAILABILITY &

## TECHNICAL SERVICES

In addition to corporate offices in Omaha, Nebraska, NOX-CRETE Products Group also maintains regional offices and distribution centers in principal markets throughout the world. For source or technical information, phone (800) 669-2738 or (402) 341-1976.

## 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 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.