



Quick Patch 20

QP-20 Polymer modified Concrete Repair Mortar

DESCRIPTION

Quick Patch 20 is a one-component, cementitious, fast setting restoration/repair mortar. This product has a light gray color and is designed for vertical, overhead, and horizontal applications. This fast setting, low slump repair mortar may be troweled, shaped, molded, and shaved before taking a final set. Quick Patch 20 is an excellent patching solution for difficult vertical and overhead applications without using expensive forming techniques.

GENERAL USES

- Quick Patch 20 is a general concrete repair mortar
- Vertical, horizontal or overhead concrete patching
- Interior and exterior use

FEATURES/BENEFITS

- Low slump design for easy molding and shaping
- Vertical, horizontally or overhead use
- Easy to use, just add water
- Fast setting, increased turnaround time
- Polymer Modified, Increased bond strength

Yield: 0.45ft³

Packaging: 50-lb bag

Shelf Life: 12 mos. properly stored

Storage: Store and transport in clean, dry conditions.

Application Temperature Range: 40° F to 90° F (Hot weather placement procedures recommended above 90° F; Cold weather placement procedures recommended below 50° F)

HOW TO APPLY

Surface Preparation (See ICRI guidelines)

For repairs, perform surface preparation in accordance with ICRI Technical Guidelines. Concrete must be sound and fully cured (28 days). Remove all unsound concrete and roughen the surface for better bonding. Remove all oxidation and scale from the exposed reinforcing steel (if applicable) in accordance with ICRI Technical Guideline No. 03730 "Guide for Surface Preparation for the Repair of Deteriorated Concrete Resulting from Reinforcing Steel Corrosion." Remove all laitance, oil, grease, curing compounds, and other contaminants that could prevent adequate bond. The concrete substrate should be saturated surface dry (SSD), without standing water, before application. Apply the mixed material onto the prepared SSD substrate by trowel or screed. Minimum application thickness is 1/16-in, and maximum application thickness of 2 inches. Finish the completed repair, as required without overworking the surface.

Mixing

Mix with 3.5 – 4 quarts of potable water per 50 lb. bag. Only use as much water as needed for desired consistency, as added water results in longer set times and lower strengths.

Technical Data

Time of Setting – min. at 72° F (22° C) (ASTM C 266)

Initial Set: 10-15

Final Set: 15-20

Compressive Strength – 2" cubes (ASTM C 109)

Time	Strength in PSI
3 hour	1,200
1 day	2,500
7 day	6,000
28 day	6,500



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Curing

In extreme heat, keep patches covered and damp. In cold weather, keep patches warm and protected until set up. No curing compounds required.

Clean Up

Clean tools and equipment with clean water immediately after use. Cured material must be removed mechanically.

Health and Safety

Make certain the most current versions of product data sheet and SDS are being used.

Risks

Product contains Portland cement and sand (crystalline silica); it can cause skin and eye irritation. Ingestion or inhalation of dust may cause tract irritation. This contains free respirable quartz, which has been listed as a suspected human carcinogen by NTP and IARC. Repeated or prolonged overexposure to free respirable quartz may cause silicosis or other serious and delayed lung injury.

Precautions

KEEP OUT OF THE REACH OF CHILDREN. Prevent contact with skin and eyes. Prevent inhalation of dust. DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or is used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state, and local regulations.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes, and seek medical attention. In case of skin contact, wash affected areas with soap and water. If the irritation persists seek medical attention. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If the discomfort persists, breathing difficulty occurs, or if swallowed seek medical attention. Refer to Safety Data Sheet (SDS) for further information.

Proposition 65

This product contains material listed by California as known to cause cancer, birth defects, or other reproductive harm.

VOC Content

0 lbs/gal or 0 g/L

Limited Warranty Notice

Every reasonable effort is made to apply exacting standards both in the manufacture of "Quick Patch 20" product and in the information, which we issue concerning these products and their use. We warrant our products to be good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only on quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, Darragh Company makes no warranty or guarantee, express or implied, including warranties of fitness for a particular purpose or merchantability, respecting its products, and the Darragh Company shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the Darragh Company.