

SPEED-PATCH

QUICK REPAIR COMPOUND



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Technical Data Sheet

General:

Rapid setting polymer reinforced chloride free concrete patching compound only needs water for mixing and placement. Fast setting so you can be done faster. This non-shrink formulation features good workability and strength and can be extended. Used for repairs 1/4" to 4". Used on broken corners, Slab repairs and to repair holes, cracks on pipes, manholes and many other types of rapid repairs in all type of concrete structures.

Surface Preparation:

Pressure clean the area and use acid etching or cleaner that is suitable to remove all laitance, contamination, oil, dirt and loose material. If using acid, neutralize areas with a solution of one tablespoon baking soda per gallon of water. Wash off solution with garden hose. Installation requires a moistened and absorbent substrate.

Mixing:

Pour 4 Quarts of water into an empty pail and add powder slowly while using a drill mixer to mix and consolidate uniformly. This will result in a lump-free, cohesive mix. Initial set is 10-15 minutes. Set can be extended with 20 pounds per 50 pound of grout washed moist (SSD) pea rock for repairs above 2" thick.

Application:

Apply to a pre-moistened clean concrete substrate for proper bond. Builders Acrylmax™ bonding agent can be used when surface bond is questionable. Use a trowel screed or appropriate tool to produce the desired shape. Avoid over-working the material as it starts to set. Mix only as much material at a time so that it can be placed in 15 minutes. Using only

fresh mixed material in a continued motion of application keeps a live joint. Do not try to re-temper. Mix, apply and finish within 15 minutes while you work for best results. Material can be molded and profiled into cavity repairs and excess can be shaved off for repairs of pipes rings and manhole structures.

Any repair where metal is present, make sure to clean all rust and laitance from bars, plates, any metallic surfaces and coat with anti-corrosive coat if required.

Curing:

It is essential to provide curing for at least the first hour by means of water mist, blanket or chemical curing agent.

Limitations:

Do not attempt to apply this product on hot days or to hot dry substrate as material will not properly adhere. Apply in freeze-thaw conditions or when temperatures are expected to fall below freezing. This material is not designed for thin toppings.

Applicable Standards:

Compressive ASTM C-109

1 day: 3000 psi

7 days: 5000 psi

28 days: 7000 psi

Setting times ASTM C-266

Initial: 15 minutes Final: 90 minutes

Coverage & Shelf life:

Packaging: Pail 50#, (.45 Cu/Ft.)

1 year in original container stored in a dry cool place.



Product Safety:

Consult product Material Safety data Sheet for information on the safe handling of this material. Avoid breathing dust and avoid prolonged skin contact. Use eye and skin protection specially when mixing the product. Keep way from children and pets and dispose of pails and unused product properly. Contains Portland cement and silica that can cause burns and respiratory irritation. Silica dust has been known to cause Silicosis with prolonged unprotected use. Wear respiratory protection when handling dry material and during mixing. Contains no organic hazardous components.

Clean Up:

Clean tools and utensils with a soap solution and rinse with clean water. Hardened material can only be removed by mechanical means.

Warranty: When product is used according to directions and when properly used, warranty is limited to one year after product is supplied to the purchaser in the original container. Refund of the purchase price only if deemed defective at manufacture. This product is intended for industrial professional use by competent tradesmen. with sufficient knowledge and experience on use and proper handling of these products. The purchaser agrees to assume all responsibility for installation, product selection, application, job warranties, use, transport and disposal of product. Builders Construction Products shall not be liable to the purchaser or any third party for costs of labor or direct or indirect and incidental or consequential damages related to the use or suitability of this product. No other warranties are implied. Responsible disposal of used products and packaging is the responsibility of the purchaser and or user. This product does not contain hazardous or controlled substances considered harmful to the environment.

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