



Technical Data Sheet (TDS) - Active Elements – Fast Patch

Active Elements - Fast Patch is a high-performance, fast-setting, multi-purpose concrete repair material. Durable in wet environments, Active Elements - Fast Patch is a blend of hydraulic cement and specially graded aggregates. Active Elements - Fast Patch is non-metallic, and no chlorides are added. Mix Active Elements - Fast Patch with water to produce a high-quality material that is ideal where rapid strength gain and high durability are desired. Active Elements - Fast Patch sets in 15 minutes and achieves structural strength in 1 hour.

Use Active Elements - Fast Patch for general and structural concrete repair, tack strip hole repairs, spalled concrete, doweling and anchoring, industrial grouting, formed work, and vertical and horizontal trowel applications. Active Elements - Fast Patch can be applied from a featheredge to 4" thick.

SURFACE PREPARATION: For repairs, the application surface shall be clean, sound, and free from any materials that may inhibit bonds, such as oil, asphalt, curing compounds, acid, dirt, and loose debris. Roughen the surface and remove all unsound material. Apply Active Elements - Fast Patch to a surface that is thoroughly dampened with water (no puddling or standing water).

MIXING:

- 5 LB bag use 8 – 12 ounces clean water.
- 25 LB Bucket use 1.5 – 2.25 quarts of clean water.
 - Place the desired quantity of mix water into a proper container; slowly add Active Elements - Fast Patch while mixing to achieve a lump-free, uniform consistency.
Note: Use less water to achieve higher strengths.
 - Active Elements - Fast Patch begins to set very rapidly. After mixing immediately apply to the work area and finish the surface. If another overlay is to be used on top of Active Elements - Fast Patch it is recommended to use a coarse broom finish. It is also recommended to wet cure Active Elements - Fast Patch for a minimum of 1 hour (after the patch has lost its surface sheen) in order to reach maximum strength.

COLORING/STAINING: Test prior to making repairs to ensure Active Elements - Fast Patch will color/stain as desired in accordance to the existing surface.

WARNING: DO NOT BREATHE DUST. AVOID CONTACT WITH SKIN AND EYES. Use material in well-ventilated areas only. Exposure to cement dust may irritate eyes, nose, throat, and the upper respiratory system/lungs. Silica exposure by inhalation may result in the development of lung injuries and pulmonary diseases, including silicosis and lung cancer. Seek medical treatment if you experience difficulty breathing while using this product. The use of a NIOSH/MSHA-approved respirator (P-, N- or R-95) is recommended to minimize inhalation of cement dust. Eat and drink only in dust-free areas to avoid ingesting cement dust. Skin contact with dry material or wet mixtures may result in bodily injury ranging from moderate irritation and thickening/ cracking of skin to severe skin damage from chemical burns. If irritation or burning occurs, seek medical treatment. Protect eyes with goggles or safety glasses with side shields. Cover skin with protective clothing. Use chemical resistant gloves and waterproof boots. In case of skin contact with cement dust, immediately wash off dust with soap and water to avoid skin damage. In case of skin contact with wet concrete, wash exposed skin areas with cold running water as soon as possible. In case of eye contact with cement dust, flush immediately and repeatedly with clean water and consult a physician. If wet concrete splashes into eyes, rinse eyes with clean water for at least 15 minutes and go to the hospital for further treatment.

PROPOSITION 65 WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Please refer to the SDS additional safety information regarding this material.

Warranty

This warranty is made in lieu of all other warranties, either expressed or implied. Before application the User shall determine the suitability of the product for his/her intended use and User assumes all risks and liabilities whatsoever in connection therewith. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results of any use. The Manufacturer and/or Seller warrants that if any goods supplied prove defective in material the sole obligation shall be to replace said product. Any claim of defective product must be received in writing within one (1) year from date of shipment. Neither Manufacturer nor Seller shall assume any liability for injury, loss, or damage resulting from use of this product.

DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.