

ASPHALT RESURFACER

High-Performance, Cement-Based Repair Material for Asphalt



PRODUCT DATASHEET

DESCRIPTION: Rapid Set® ASPHALT RESURFACER is a high-performance, fast-setting, multi-purpose, cementitious material for asphalt repair. ASPHALT RESURFACER has been specially formulated with a polymer-modified blend of Rapid Set® Cement and additives designed to match the color of typical existing asphalt. Combine ASPHALT RESURFACER with water to produce a high-quality repair material that is ideal for any asphalt repairs and resurfacing. ASPHALT RESURFACER has superior adhesion to most substrates. It has a working time of 20 minutes and achieves drive-on strength in 2 hours.

USES: Use ASPHALT RESURFACER for driveways, parking lots, roads, spall repairs, cracks, potholes and more.

ENVIRONMENTAL ADVANTAGES: Use ASPHALT RESURFACER to reduce your carbon footprint and lower your environmental impact. Production of Rapid Set cement emits far less CO₂ than portland cement. Contact your CTS representative for EPD, LEED values and other sustainability information.

APPLICATION: Apply ASPHALT RESURFACER in thicknesses from 1/8" (0.3 cm) to 2" (5 cm). For thicker applications, use ASPHALT REPAIR MIX or extend ASPHALT RESURFACER up to 75% by weight with clean, coarse aggregate up to 3/4" (1.9 cm). Extended ASPHALT RESURFACER can be applied in thicknesses up to 24" (61 cm).

SURFACE PREPARATION: For repairs, application surface must be clean, sound and free from any materials that may inhibit bond such as dirt and loose debris. Roughen surface and remove all unsound material. For maximum adhesion, it is recommended to pressure wash the surface thoroughly. Remove all standing water prior to applying ASPHALT RESURFACER.

MIXING: The use of a power-driven mechanical mixer, such as a mortar mixer or a drill-mounted mixer, is recommended. Organize work so that all personnel and equipment are in place before mixing. Use clean potable water. **ASPHALT RESURFACER may be mixed using 2 to 3 quarts (1.9 L to 2.8 L) of water per 25-lb (11.3 kg) box. Use up to 3 quarts (2.8 L) when extended with coarse aggregate. It may be mixed using 4 to 6 quarts (3.8 L to 5.7 L) of water per 50-lb (22.7 kg) bag. Use up to 6.0 quarts (5.7 L) when extended with coarse aggregate.** Place the desired quantity of mix water into the mixing container. While the mixer is running, add ASPHALT RESURFACER. Mix for the minimum amount of time required to achieve a lump-free, uniform consistency (usually 1 to 3 minutes).

PLACEMENT: Organize work so that all personnel and equipment are ready before placement. Place quickly to allow for maximum finishing time. Do not wait for bleed water; apply final finish as soon as possible. ASPHALT RESURFACER may be troweled or floated. A smoother trowel may be used. To match existing asphalt textures, it is recommended to use a loop roller to apply the final finish or a broom to create a broom-finish. Do not install in layers; place in full-depth sections. Do not install with a tamping tool like traditional asphalt cold patch products. Do not install on frozen surfaces. ASPHALT RESURFACER may be applied in temperatures ranging from 45°F to 90°F (7°C to 32°C).

CURING: ASPHALT RESURFACER does not require water curing under moderate conditions at 70°F (21°C). In dry, windy or hot conditions, mist with water to maintain a continuously wet surface for a minimum of 1 hour or until the product has achieved sufficient strength. Water curing may affect final color.

OVERVIEW

Highlights:

Superior adhesion to asphalt surfaces

Designed to match the color of typical existing asphalt

Higher durability than conventional asphalt

Fast setting: Drive-on in 2 hours

Easy to apply: Just add water, mix and place

Extendable with coarse aggregate for thick applications

Tested in accordance with:

ASTM C266

MasterFormat® 2020

32 01 00 Operations and Maintenance of Exterior Improvement

32 01 17 Flexible Paving Repair

32 01 13 Flexible Paving Surface Treatment

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COLD WEATHER: Environmental and material temperatures below 70°F (21°C) may delay setting time and reduce the rate of strength gain. Lower temperatures will have a more pronounced effect. Thinner sections will be more significantly affected. To compensate for cold temperatures, keep material warm and use heated mix water.

WARM WEATHER: Environmental and material temperatures above 70°F (21°C) may speed setting time and increase the rate of strength gain. Higher temperatures will have a more pronounced effect. To compensate for warm temperatures, keep material cool and use chilled mix water.

YIELD & PACKAGING: ASPHALT RESURFACER is available in a 25-lb (11.3 kg) box and a 50-lb (22.7 kg) bag. One 25-lb (11.3 kg) box of ASPHALT RESURFACER will yield approximately 0.29 ft³ (0.008 m³) or 28 ft² (2.6 m²) at 1/8" (0.3 cm) average thickness. One 50-lb (22.7 kg) bag of ASPHALT RESURFACER will yield approximately 0.58 ft³ (0.016 m³) or 56 ft² (5.2 m²) at 1/8" (0.3 cm) average thickness.

SHELF LIFE: ASPHALT RESURFACER has a shelf life of 12 months when stored properly in a dry location, protected from moisture, out of direct sunlight, and in an undamaged package.

USER RESPONSIBILITY: ASPHALT RESURFACER is not recommended for recently poured or resealed asphalt (within 12 months). Reflective cracks may appear due to vibration, substrate flexure or existing cracks.

Before using CTS products, read current technical data sheets, bulletins, product labels and safety data sheets at www.CTScement.com. It is the user's responsibility to review instructions and warnings for any CTS products prior to use.

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 cement 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 cement splashes into eyes, rinse eyes with clean water for at least 15 minutes and go to the hospital for further treatment.

Please refer to the SDS and www.CTScement.com for additional safety information regarding this material.

LIMITED WARRANTY: CTS CEMENT MANUFACTURING CORP. (CTS) warrants its materials to be of good quality and, at its option, will replace or refund the purchase price of any material proven to be defective within one (1) year from date of purchase. The above remedies shall be the limit of CTS' responsibility. Except for the foregoing, all warranties expressed or implied, including merchantability and fitness for a particular purpose, are excluded. CTS shall not be liable for any consequential, incidental, or special damages arising directly or indirectly from the use of the materials.

⚠ WARNING

CANCER and REPRODUCTIVE HARM - www.P65Warnings.ca.gov

TYPICAL PHYSICAL DATA

Set Time, ASTM C266

Initial set	85 minutes
Final set	100 minutes

