

StreetBond® Acrylic Crack and Leveling Binder Patch Repair Method

A repair method comprised of a durable acrylic emulsion mixed on site to repair cracks and level and fill low spots. The four (4) component bonding emulsion can be used for correcting major and minor non-structural cracks and can smooth over and temporarily repair structural cracks. It is very effective in filling low spots in 1/4" to 1/2" lifts. Multiple applications of this repair method will be required to achieve a smooth, surfacable repair.

Uses

After cracks and low spots are thoroughly cleaned, repair them using the StreetBond® Acrylic Crack and Leveling Binder Patch method described below. These repairs should be completed before any other products are applied.

Limitations & Precautions

- Do not apply StreetBond® Acrylic Crack and Leveling Binder Patch when surface temperature is below 50°F (10°C) or when fog, rain or high humidity is imminent.
- Do not apply if surface temperature is above 130°F (55°C).
- StreetBond® Acrylic Crack and Leveling Binder Patch will not prevent surface and structural crack from reoccurring.

Mixing:

- A four (4) component emulsion which is mixed on site using a hand drill and mix bit or mortar mixer consists of:
 - 3/4 part Portland cement
 - 1/4 part water
 - 1 part Latex
 - 3 parts dry silica sand (60-80 mesh)
- Mix the cement and water thoroughly, removing all lumps. Then add Latex and mix until uniform. Add dry silica sand and continue mixing. If the mix becomes too dry, adjust by adding small amounts of Latex until a workable consistency is achieved. Once the mixture is uniform, apply immediately.
- Utilizing water clean all mixing equipment and tools immediately.

PRODUCT INFORMATION

Application Instructions

Surface Preparation:

CRACK REPAIR:

Crack repair requires the surface to be thoroughly clean and dry. For structural cracks rout, air blow, thoroughly clean and dry. Fill to refusal using a horseshoe squeegee. Multiple applications may be required. After each application, scrape areas of repair thoroughly before applying StreetBond® Acrylic Resurfacer and Filler coats.

LOW SPOT REPAIR:

The surface for low spot patching must be clean and free of all dirt, debris and any film or mildew which may have accumulated due to standing water. Screed the mixed emulsion into the low spot, using a squeegee or straight edge. Do not apply thicker than ½". Multiple applications may be required. Thorough drying/curing between lifts is required. Feather and smooth edges of patch work with trowel or other hand tool. Thoroughly scrape and/or power sand (floor sander) to achieve smooth and uniform surface texture prior to applying StreetBond® Acrylic Resurfacer coat(s).

NOTE: To prevent the possibility of chalking all cured StreetBond® Acrylic Crack and Leveling Binder Patch work (low spots/crack fill) shall be thoroughly wetted with clean water. This "bleeding" process shall be completed prior to the application of color coats.

Coverage: Coverage will vary depending on size and depth of the crack or low spot and texture of area to be patched.

Cleanup

Thoroughly rinse application equipment with clean water before it dries.