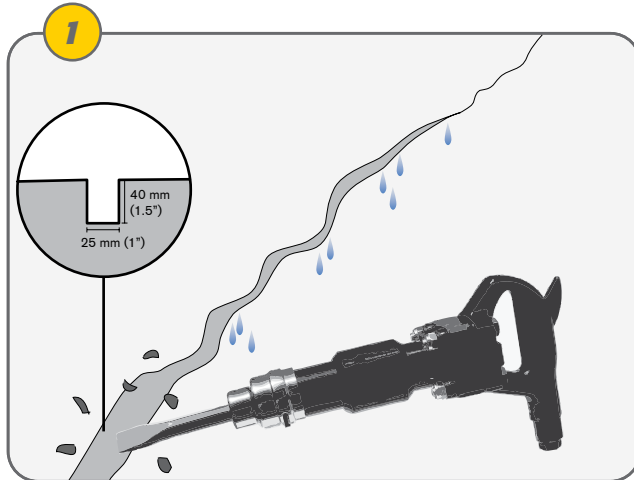




BE SURE. BE KRYTON.

Krystol® Crack Repair System

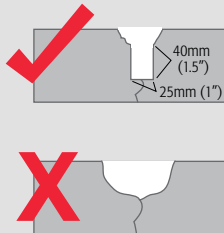
SURFACE PREPARATION



- Using a sharp 25 mm (1 in.) square chisel, chip a 25 mm (1 in.) wide chase along the entire length of all cracks to a minimum depth of 40 mm (1.5 in.).

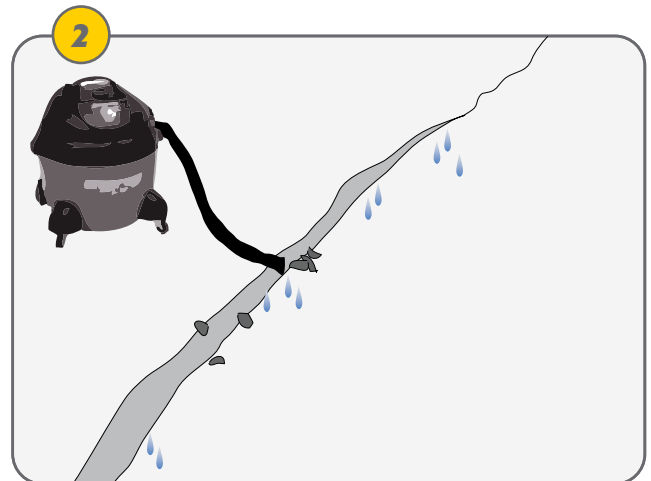
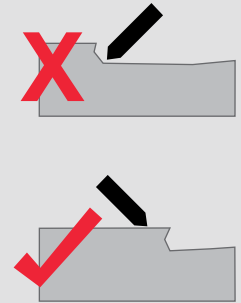
Prepare the chase

The chase must be square shaped and deeper than it is wide. If the concrete breaks apart near the surface, you must chisel deeper to obtain the required 25 mm by 40 mm (1 in. by 1.5 in.) size and shape.

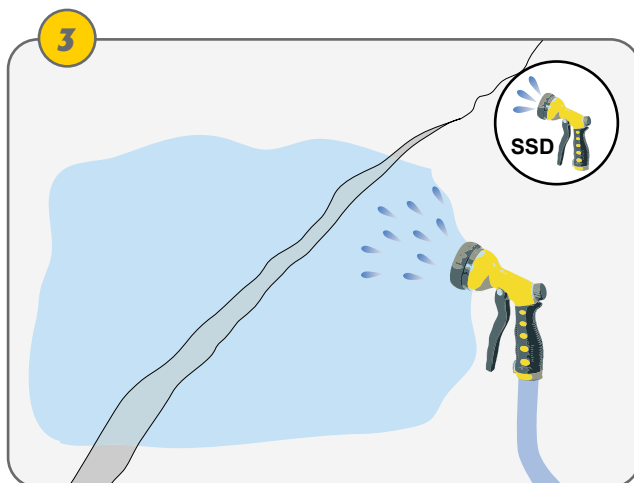


Prepare the crack or joint

When chiseling, do not place the chisel inside the chase. Instead, place the chisel on the concrete surface over the crack about one inch ahead of the chase and direct chisel pressure back towards the chase so the piece being removed falls into the chase.



- Clean the chase, removing all dust and loose concrete.



- Surfaces to be treated must be pre-wet to a saturated-surface-dry (SSD) condition. Do not leave any standing, pooled or puddled water.

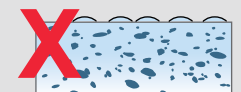


SSD (saturated-surface-dry) condition:

The concrete must be completely saturated with water to allow the Krystol chemicals to penetrate deeply and react. The outer surface must be only slightly damp.

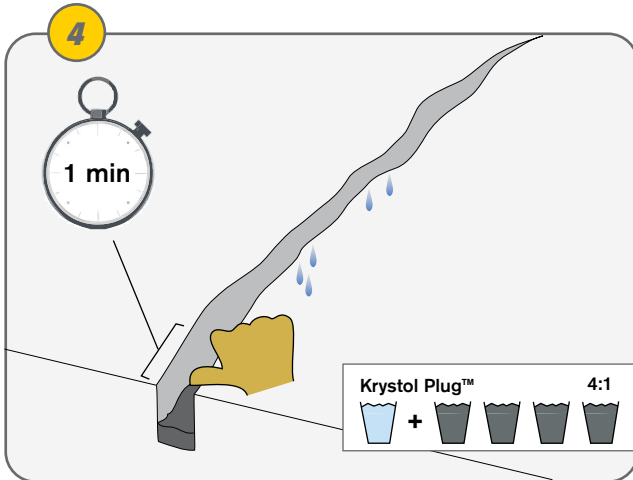


The concrete surface **must not** have standing, pooled or puddled water.

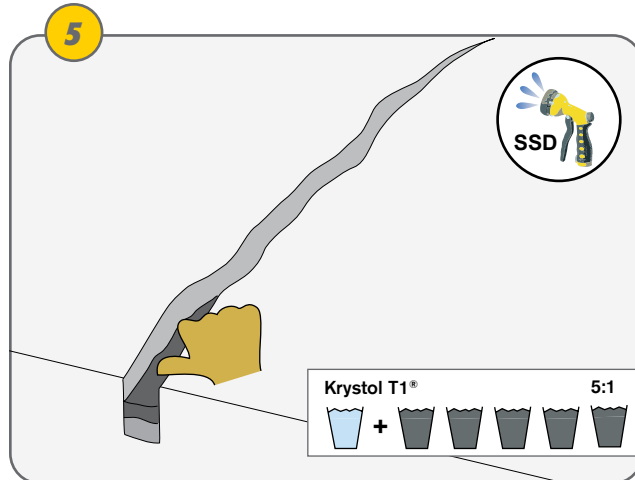




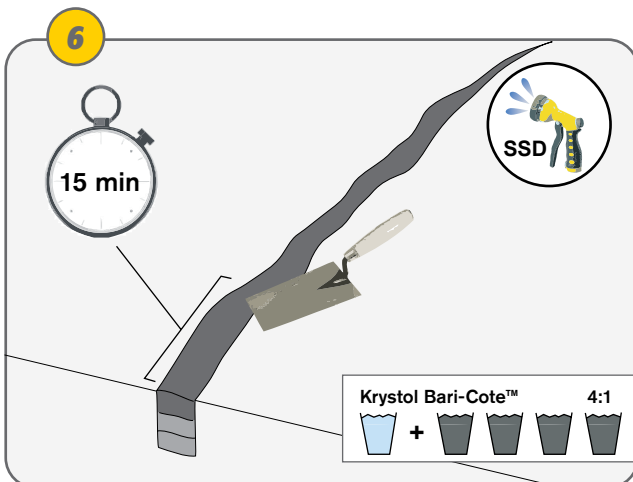
BE SURE. BE KRYTON.



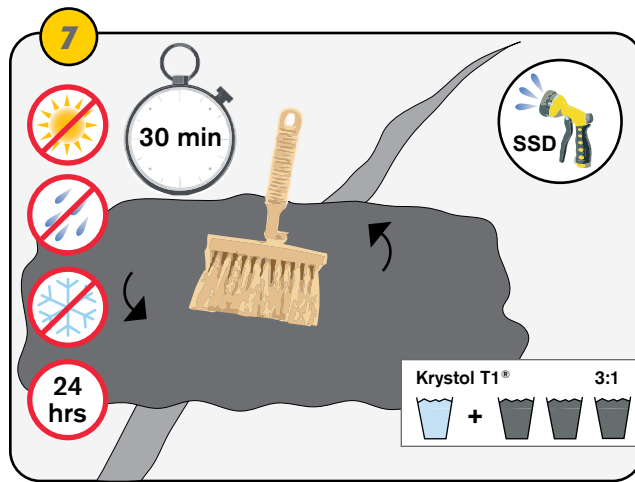
- Fill one-third of the depth of the chase with Krystol Plug.
- Mix to a putty consistency (4 parts powder to 1 part water).
- Using a gloved hand, press the putty into the chase. Hold until water stops seeping.
- Mix only enough material as can be placed in 1 minute.



- Fill the next one-third of the chase with Krystol T1.
- Mix to a very dry, putty consistency (5 parts powder to 1 part water).
- Ensure that the chase is in an SSD condition.
- Pack Krystol T1 tightly into the chase.
- The chase should now be two-thirds full.



- Fill the rest (outer third) of the chase flush to the surface with Krystol Bari-Cote.
- Mix to a putty consistency (4 parts powder to 1 part water)
- Mix only as much as can be placed in 15 minutes.



- Apply at 0.8 kg/m² (1.5 lb./sq. yd.).
- Mix to a slurry consistency (3 parts powder to 1 part water). Mix only as much as can be placed in 30 minutes.
- Ensure SSD condition. Apply in an aggressive, circular scrubbing motion with a concrete brush.
- Coat the repair area with Krystol T1, 15 cm (6 in.) to either side.
- Protect for 24 hours.

TIP: It is highly recommended that the entire wall, floor and/or ceiling be treated with the Krystol T1 slurry coat. Refer to Application Instruction 2.11 or 2.12 — Krystol T1 & T2.

MATERIALS:

- Krystol Plug™
- Krystol Bari-Cote™
- Krystol T1®
- Clean water source

TOOLS:

- Mixing bucket and mixer
- Chipping hammer or chisel with 25 mm (1 in.) square blade
- 2.5 cm (1 in.) wide margin trowel
- Natural bristle concrete brush



Caution: Read the Material Safety Data Sheets (MSDS) for these products. For professional use only. These products become caustic when mixed with water or perspiration. Avoid contact with skin or eyes. Avoid breathing dust. Wear long sleeves, safety goggles and impervious gloves.