

## Crack Stix: A Unique Concrete Joint Repair Product

Crack Stix is a product that can be used to repair concrete joints

By [Juan Rodriguez](#)

Crack Stix is a relatively new product that can be used to repair [concrete joints](#)<sup>1</sup> and cracks. The product is easy to apply and meets some of the most stringent material specs from regulatory agencies. It is one type of elastomeric sealant that can be painted providing a pleasant aesthetic look.

### Crack Stix Uses

Crack Stix has been around since 1999 offering a solid and reliable alternative to protect and seal concrete. The product also offers additional benefits preventing slips and accidents. The product meets or exceeds ASTM C920-11 Standard Specification for [elastomeric sealants](#)<sup>2</sup>, Type S, T1 for pedestrians and vehicular traffic. The product contains no VOC's and can be painted with acrylic, latex or epoxy coatings. Once it has been applied over the concrete surface, it will dry so fast that within 20 minutes the product is set to and traffic could walk over it. Crack Stix comes in two diameters: ½" (125ft) and ¼" (225ft) and is also available in 500ft spools (both ½" and ¼") for contractors.

### Crack Stix: How it Works

The product offers a unique permanent solution to concrete joints. It is an elastomeric, self-leveling sealant, which liquefies quickly and can be used in concrete and [asphalt pavements](#).<sup>3</sup> 'When properly applied, it combines tenacious adhesive power with extraordinary resiliency to protect against the infiltration of moisture or incompressible through repeated thermal cycles of expansion and contraction'. CRACK•STIX exhibit superior low temperature ductility, weather resistance, low oxidation breakdown and is non-tracking. It is the only sealant available which is designed to be inserted into the crack or joint cavity first and then melted with direct heat process. The modifier system contained in CRACK•STIX allows the material to withstand direct heat without experiencing degradation.



## How to Apply Crack Stix

The product can be applied easily and using a clean process. Before applying the product it is important to clean and remove all debris from inside the joint. It is recommend to clean the joint with water and allow it to dry before applying the product. To start applying Crack Stix, simply place the product into the crack without removing the plastic wrap. For better results push the product all the way in using a screwdriver or a putty knife. When the crack is not wide enough, you might want to leave the product in the sun to make it easier to stretch. After the product has been installed, you will need to use a hand held torch and apply direct flame over the product until it liquefies. Allow the product to set up for at least 20 minutes. Do not apply when the temperature is below freezing point. All repaired surfaces shall be allow to cure for at least 24 hours before sealing it.

## Advantages of Crack Stix

CRACK•STIX™ exhibit superior low temperature ductility, weather resistance, low oxidation breakdown and is non-tracking. It is the only sealant available which is designed to be inserted into the crack or joint cavity first and then melted with direct heat process. The product can be used to repair:

- Cracks & Joints
- Random Cracks & Joints Expansion
- Transition Joints
- Longitudinal Joints
- Utility joints
- Control Joints Traffic Loops
- Manhole Covers
- Tennis & Basketball Court Cracks
- Parking Lot and [Sidewalk cracks](#)<sup>4</sup>



Visit [www.crackstix.com](http://www.crackstix.com) for more information

### Links in this article:

- 1.<http://construction.about.com/od/Specifications/a/Concrete-Joints-Types.htm>
- 2.<http://construction.about.com/od/Construction-Materials/a/How-To-Prevent-Cracks-In-Brickwork.htm>
- 3.<http://construction.about.com/od/Earthwork/a/Hot-Mix-Asphalt-Types.htm>
- 4.<http://construction.about.com/od/Concrete/a/Rebar-Reinforcing-Steel-Bars.htm>