

DESCRIPTION.

110 ACE CRACK REPAIR is a two-component 100% solids epoxy that provides the viscosity, workability, and fast cure to repair small damages, cracks, voids, imperfections, or bridge gaps in concrete before the installation of **ACE EPOXY** flooring systems.

ENVIROMENTAL CONSIDERATIONS.

Ideal application environmental conditions for **ACE EPOXY** flooring systems are between 50-85°F and relative humidity of 65%.

- Hot and humid climate will shorten the pot life and cure time, which can have an adverse effect on the final appearance of the floor.
- Cold and dry climate will increase the pot life and prolong the cure time, making the floor susceptible for contamination and longer shutdown times.
- Applying the product during descending temperature will help reduce concrete out-gassing from occurring.

Storing the material before the application in areas where the temperature is within the recommended range for at least a day is strongly recommended. Other methods accommodate for temperature and moisture outside the range is:

- Ice the buckets several hours before the application in case of hot and humid weather. Use pail warmer in case of cold weather.
- Applying the material during the night, morning or afternoon will improve application conditions for hot weather. Applying during the day will help with colder conditions.

SURFACE PREPARATION.

Mark cracks as necessary before proceeding. Using a V-Shaped (1/4"-3/8") crack chaser, pre-grind the cracks. Remove all loose material and dust that would affect bond to substrate by vacuuming or blowing with compressed air. Assure crack or repair area is free of water at the time of the application of **110 ACE CRACK REPAIR**.

COVERAGE.

CRACK SIZE.	YIELD PER GALLON.
1/16" x 4"	80 linear ft/kit
1/8" x 4"	60 linear ft/kit
1/4" x 4"	19 linear ft/kit

MIXING.

Mix **110 ACE CRACK REPAIR** A component and B component together at a ratio listed on label for 2 to 3 minutes using a spatula and a piece of fiberboard or cardboard. Blend the two components by folding into each other using kneed motions until the color is uniform. Plan crack repair workflow and required mixed volume before mixing.

Pot life of the **110 ACE CRACK REPAIR** once mixed is between 20 and 30 minutes depending on the volume mixed and environmental conditions.

APPLICATION.

Apply mixed material on the floor over the crack and introduce the material into the crack with a semi rigid spatula or trowel until the material is even with the rest of the floor.

Once material is cured grind the excess material off the floor with a grinder.

CLEAN-UP.

110 ACE CRACK REPAIR can be removed from tools after application with lacquer thinner or xylene. Citrus based cleaner is recommended to clean hands.

JOINT RELOCATION.

On joints reassigned between 0-12” from the original joint requires new joint to be treated with semirigid material if original joint will be treated with rigid material.

On Joints reassigned beyond 12” prevent any loads that might stress concrete before he treatment of new and old joint or crack.

New joints should be saw-cut at ¼ deep in relation to the thickness of the slab.

New joints should be filled with a Polyurea or Flexible Epoxy Joint Filler to protect the joint from damage while allowing for normal slab movement.

TECHNICAL SUPPORT.

Visit www.aceepoxy.com/techsupport or scan the QR code below for system support and videos.

