

# Hard Rock Advice Crack Repair Materials

## Job: Concrete Crack Repair

There are multiple materials that can be used to repair concrete depending on the type of concrete and where the crack is.

### PREPARATION

All loose or unbounded concrete should be removed and crack should be clean - free of grease, oil, paint, dirt and any other foreign material that may impede the bonding and impede performance of repair material being used.

This repair should be done before sealing of the concrete (unless otherwise stated).

Concrete temperature and ambient air temperature should be above 10°C for 24 hours after application of repair material.

### BROOM FINISHED CONCRETE - (Small to medium crack)

#### MATERIAL NEEDED

Magic Crack Repair, Small Brush, Small Spray bottle with water

#### APPLICATION

Pour dry material into crack. Brush off any excess material. Lightly mist with water and let dry. Repeat this process 3-4 times. Allow product to dry 24 - 72 hours before driving on it.

Concrete may then be sealed.

**Cost Estimate:** - approximately \$ 1.00/ lineal foot or less depending on depth and width of crack.

### EXPOSED CONCRETE / STAMPED CONCRETE - (Small to medium crack or spalled area).

#### MATERIAL NEEDED

Matchcrete Clear(50ml or 600ml cartridges), Applicator appropriate to size of cartridge, small amount of sand, concrete powder or rock as needed. (In the case of stamped concrete pigment may also be used with the sand to help match colour).

#### APPLICATION

This crack repair material is very runny like water. If the crack is wide or deep, put sand in crack. This will have 2 benefits. It will allow you to use less material because the crack is already full, and it will slow the migration of the repair material through the sand and stop some of the pooling of the material under the concrete. This material will be shiny. While Matchcrete Clear is still wet a small amount of concrete powder or sand may be sprinkled on the wet product to help the crack blend in.

In the case of rocks missing from the surface, place a small amount of the Matchcrete clear into the area being repaired. Place rocks and place more Matchcrete clear over top of the rock.

#### 10 Minute Concrete Mender

This crack repair material is very similar to the Matchcrete Clear. It should be used indoors only, sets in 10 minutes and is gray in colour.

