

Accuflex Patch & Road/Runway Prep, Mixing, Installation and Cleanup Tips

Prep

A clean, sound and **dry** surface is the objective. Moisture and frost inhibit adhesion and may cause the patch to swell during cure. Avoid washing in favor of the following prep methods:

- Hammer
- Wire Brush
- Scarify/Grind
- Blow with Air
- Vacuum
- Lightly Torch/Heat

Mixing

Have everything ready to go before mixing. You will have limited time to get the material out of the pail and into the hole or crack being repaired.

- **Heavy-duty electric drill motor and steel jiffy beater required.**
 - o Mix at 70°F **or cooler** whenever possible.
 - o Above 90°F you could end up with the product cured in the mixing pail before applying.
- **The resin and hardener need to be thoroughly mixed to blend the colors.**
 - o Do this quickly before beginning to add aggregate.
 - o One minute or less with proper equipment should be sufficient.
 - o This is a chemical cure and insufficient mixing may result in some of the product not curing properly.
 - o If you are considering priming the sides/bottom of a large hole, now is the time to brush some of the liquid on the repair area.
- **Add as little or as much dry aggregate as you need, ensuring you get it all wetted.**
 - o Adding no aggregate will give you a pourable liquid for thinner cracks.
 - o Adding aggregate to increase the volume by 50% will make the liquid thicker but still pourable, and is good for shallow holes.
 - o Adding aggregate to increasing the volume by 100% or more makes the product stiff and very tough, you will need to dig it out of the pail and place it in the larger holes.
 - o It is best to have one person continuing to turn the liquid while another person pours the aggregate into the mixing pail. Communicate on amount of aggregate to be added. Pull the mixing beater (jiffy mixer) up and down to completely wet the aggregate.

Installation

Accuflex patch is for horizontal installation only. You can do some ramping to meet uneven surfaces, but on a high lift you may experience slumping. To overcome stickiness while trowelling, sprinkle dry sand on the surface to allow the trowel to slide. If forms are used on edges of concrete, line the forms with plastic (sheet plastic or plastic tape) or smear on bees wax. Wait for cure before removing forms.

- **Cracks**
 - o Consider (during prep) backer-rod or **dry** sand in the bottom of the crack, especially if you are applying in a pourable consistency.
 - o Fill the crack with patch material.
 - o Scrape or trowel to level with adjacent surfaces.
 - o Wipe edges of the repair area clean with a dry cloth. Use rub-stone for rough edges.
- **Holes**
 - o Fill the hole with patch material.
 - o Tamp or trowel to meet surrounding surfaces.
 - o Sprinkle on the non-slip aggregate, if desired, and trowel into the surface.
 - o Wipe edges of the repair area clean with a dry cloth. Use rub-stone for rough edges.

Cleanup

- Wipe jiffy mixer and trowels with dry cloth immediately after use.
- Use zylene or other solvent if you have waited too long. Disposable trowels are an option.
- Paintbrushes are throw-aways.
- After cure, you can burn off beaters and trowels with a torch.

After cure, high spots or uneven surfaces can be ground with a concrete grinder.