

# DynaCrete.NET

## Concrete Preservation Systems

[www.dynacrete.net](http://www.dynacrete.net)

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## Application Instructions for the 2-product DynaCrete Concrete Preservation System

### **DynaCrete was developed and works best as a two-product system:**

Why? Because all salts, liquids, weak acids; uric, lactic, anaerobic, etc., clean up easier off a surface that doesn't even get wet! All liquids will bead up, run off, and wipe off. Cleaning will be easier, less time and cleaning chemicals will be necessary. As a result, you will save money at the same time as your concrete surfaces are lasting longer.

**NOTE: Always read this shortened version instruction sheet together with the full instructions on the DynaCrete PIM+ Type S and PTS+ Application & Specification sheets**

### **Step 1. DynaCrete PIM+ Type S**

**Preparation of the surface:** The surface should be cool, i.e. Not in the hot sun if possible. Hose clean the surface and squeegee the water off. Once the surface has dried to the “damp” stage you may apply the DynaCrete PIM+ Type S.

**Application:** Starting at the lowest point, or closest to the drains, and using a Hudson can type sprayer, several heavy soaking passes are made, until the PIM++ stops being absorbed and surface stays wet and shiny for at least 5 seconds, 6 to 10 passes with the sprayer might be required depending on the porosity of the concrete. Then, overlapping your sprayer passes, continue until the entire surface is done. Average coverage rates run from 150 to 200 square feet per gallon.

**Note:** You should hose and squeegee off the excess material before it dries, because the liquid glass in DynaCrete PIM+ Type S dries to a 200 mesh, white glass powder. 200 mesh is the same size as talcum powder. This is very hard to broom off concrete, hosing it off before it dries is much easier. Doing so will not effect the treatment of your concrete. The gels forms “in” not “on” the concrete in the first 20 seconds or so, actually waterproof the concrete already. These gels will take a minimum 72 hours to hydrate into non-water soluble glass crystals, replacing the water-soluble alkali salts. During this period the treated surface can be walked on, rained on, licked by animals etc., with no negative effects to the surface or animals.

Once cured the concrete surface to the depth the DynaCrete PIM+ Type S penetrated, (up to 12 mm) will be permanently waterproof, 98% vapour proof, and approx. 1500 psi stronger.

### **Step 2. DynaCrete PTS+**

**Preparation of the surface:** The surface should be dry, clean, and cool, ideally not in the sun.

**Application:** DynaCrete PTS+ is also applied with a sprayer, however since it is a coating, you only want to thoroughly wet the surface. As a result coverage rates are about double those of PIM+ Type S, i.e. 300 to 400

square feet per gallon. Being a coating, PTS+ will air dry in 4 to 6 hours and cure in a minimum 24 hours. There should be no traffic of any type on this surface until it air dries; 2 to 4 hours) and only light foot traffic during the following 24 hours. This surface must remain dry during this 24 hours as well, i.e. No rain either.

**Maintenance:** You might want to periodically reapply the PTS+. While PIM+Type S is an internal densifier and permanent, PTS+ is a top coating, and abrasion does wear it off over time. You can easily check on when pouring a little water on the surface; if it still beads up, you are fine, if instead the concrete gets wet, i.e. dark under the

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