

PRODUCT OVERVIEW

AquaCon® is a water based concrete release agent that aids in releasing concrete castings from Smooth-On rubber molds and other surfaces such as melamine, metal and non-porous (sealed) wood. It provides a clean, positive release, does not interfere with color or surface detail and helps minimize bug holes and air bubbles in finished castings.

AquaCon® Advantages

- **Low Cost** – Use straight or dilute with water (up to 8 parts with water. See dilution recommendation below).
- **Water Based, Eco-Friendly** – Contains no VOC's, carcinogens or oils harmful to the environment.
- **Does Not Stain Concrete**, affect color surface detail or finishing.
- **Minimizes "Bug Holes"** and air bubbles.
- **Contains No Oils** that will cause rubber molds to soften, shrink or swell.
- **Keeps Molds Clean** - Does not build up.
- **Extends Mold Life**

Coverage – Applied in a thin film (.0005 in / .013 mm), 1 gallon (undiluted) covers 3,200 square feet / 297 square meters.

Packaging –

1 gallon - 8.3 lbs. / 3.76 kgs
5 gallon - 41.6 lbs. / 18.87 kgs.
55 gallon - 458 lbs. / 207.75 kgs.
Totes - 2,290 lbs. / 1038.72 kgs.

Safety First!

The Material Safety Data Sheet (MSDS) for this or any Smooth-On product should be read prior to use and is available upon request from Smooth-On. All Smooth-On products are safe to use if directions are read and followed carefully.

IMPORTANT - The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.

PROCESSING RECOMMENDATIONS

PREPARATION... Safety - Wear safety glasses to minimize contamination risk. Store and use at room temperature (73°F/23°C). Do not use below 45°F/8°C.

Pre-Mixing - Before dispensing, shake container or stir thoroughly with a paddle or drill mixer set on a slow speed to a uniform consistency.

Diluting AquaCon® - AquaCon® can be used straight or diluted with up to 8 parts water. The dilution ratio depends on your concrete mix design. Finding the right balance between AquaCon® and water can affect bug holes.

If using on a new rubber mold, it is recommended that AquaCon® be used straight (undiluted) for each casting for the first 10 castings.

1 – 10 castings, use undiluted.

After 10 castings, dilute 1 part AquaCon® : 4 Parts Water

After 20 castings, dilute 1 part AquaCon® : 8 Parts Water

Mix only amount needed for one day. Mixture may separate in the container after a few hours. Before dispensing, pre-mix before to a uniform consistency.

Applying - Coat mold surface with a very thin film (.0005 in / .013 mm). Apply with a brush, roller, HVLP gun or Kwikkee® Sprayer. Do not allow release agent to pool in the mold. Wipe over mold surface using a clean, soft cloth.

Caution: Do Not Over Apply. Applying too much release agent will cause air bubbles "wormtracks", "bugholes" or pitting on surfaces.

After applying AquaCon to mold surface, you can mix and cast concrete immediately.

Mix only amount needed for one day. Mixture may separate after 24 hours. Re-mix to a uniform consistency and apply.

Because no two applications are quite the same, a small test application to determine suitability for your project is recommended if performance of this material is in question.