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.

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**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 Kwikee™ 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.

**Mixture may separate after 24 hours. If mixture separates, 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.