

IN & OUT™ II

Water Soluble Release Agent



www.smooth-on.com

PRODUCT OVERVIEW

IN & OUT™ II water soluble release agent will aid in releasing concrete or gypsum plaster castings from Smooth-On rubber molds. IN & OUT™ II provides a clean, positive release and does not interfere with or affect surface detail and helps minimize air bubbles in finished castings.

Simplify Your Production Casting with IN & OUT™ II

- Will Not Stain / Soften Concrete Surfaces
- Mix with Water - Economical
- Will Not Affect Color Pigmenting of Cast Concrete
- Minimizes "Bug Holes" In Concrete and Air Bubbles in Gypsum Castings
- Keeps Molds Clean - Does Not Build Up
- Significantly Extends Mold Life

PROCESSING RECOMMENDATIONS

PREPARATION...

Safety - Use in a properly ventilated area ("room size" ventilation). Wear safety glasses, long sleeves and rubber gloves to minimize contamination risk. Do not use below 50°F/10°C.

Store and use material at room temperature (73°F/23°C). This product has a limited shelf life and should be used as soon as possible.

MEASURING & MIXING...

IN & OUT™ II IS DILUTED WITH WATER.

Measuring & Mixing - Mix 4 parts water to 1 part In & Out II. Mixing can be done by hand or slow speed mixer. Do not shake or agitate as this may cause product to foam.

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.

How you dilute IN & OUT II™ (amount mixed with water, coverage and frequency of application) will depend on the concrete aggregate mix and the form material you are casting into. For example, when casting concrete with a low grit/high sand content (minimal abrasion) into a polyurethane mold, the mix ratio of water to IN & OUT II™ can be 4:1. High grit content may call for a dilution ratio of 2 parts water to 1 part release agent.

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

APPLYING...

Application - Apply IN & OUT™ II thoroughly with brush, roller or spray. If pressure spraying, pressure should be 25 psi (172 kPa) or higher. For uniform spray applications of release agent, flat spray tips are suggested. Do not allow release agent to puddle.

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

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.



Call Us Anytime With Questions About Your Application.

Toll-free: (800) 381-1733 Fax: (610) 252-6200

www.smooth-on.com is loaded with information about mold making, casting and more.