

customrock

FORMLINER

RELEASE AGENT GUIDELINES

General Notes: Release Agents

The best release agents are ineffective if not properly used and even when used properly, some release agents will perform better than others.

Release agent should be applied just prior to concrete placement. Apply release agent per manufacturer's recommend rate and reapply release agent before each use.

Formliners should be stripped or broken back from the wall as soon as possible and never left on the wall for more than 24 hours.

Because of V.O.C restrictions, some release agents can not be used in some states. VOC ratings vary from state to state.*

Release Agent Types and Formliner Material

There are two basic categories of release agents; Barrier type and Reactive (or chemically active) types. Release agents are available in oil based or water based formats. Typically oil based release agents perform the best.

Not all release agents are compatible with all types of formliners. Some stronger release agents (higher V.O.C) cannot be used on Polystyrene or other formliners. These stronger release agents are often used on steel and wood forms, but can also be used on a durable urethane-type formliner. Dry release powder/agent (used for 'stamped' concrete mats), can provide an additional release agent system for concrete formliners, but may cause surface problems for stain or paint coatings.

Always consult the formliner manufacturer prior to using any release agent.

Recommended Release Agents For Surfaces to be Stained or Painted

A recommended release agent would be one which will not interfere with subsequent adhesion of concrete surface coating, treatments or sealers, such as Crete-Lease 880 (or equivalent) which is available from Cresset Chemical (800) 367-2020.

The concrete surface should be thoroughly pressure washed prior to any staining or painting

*Contractor is responsible for consulting with release agent manufacturer for proper selection, current and correct chemical information