

Product Description

Basic Use: Crete-Lease 880 releases any kind of form or formliner (except expanded polystyrene) from hardened concrete. Forms and formliners strip easily and cleanly. Crete-Lease 880 also helps eliminate bugholes and stains.

Use Crete-Lease 880 on pallets and equipment that contact concrete. It also provides rust protection for steel forms and equipment. It:

- Helps produce CCS 1 or CCS 2
- Is the lowest viscosity release agent available
- Eliminates bugholes - even with superplasticized concrete
- Promotes easy stripping, especially when applied in an ultra thin film
- Promotes easy clean up of forms
- Is non-staining
- Will not transfer to the concrete surface - adhesion of caulks, paints or coatings is not affected
- Does not effloresce
- Can be applied in sub-freezing or very hot temperatures
- Does not "kill" concrete surfaces
- Helps minimize clean up of equipment, including concrete buckets and mixers

Limitations

- Although subfreezing temperatures have no effect on the releasing action of Crete-Lease 880, temperatures below freezing promote thicker film thicknesses which causes more bugholes.
- Some black rubber forms will degrade rapidly when used with Crete-lease 880.
- On B-B plywood be sure plywood surfaces are saturated, especially on first use.
- Overspray on adjacent hard surface materials is not harmful if removed within 24 hours. Remove overspray with a common degreaser.
- Do not use Crete-Lease 880 on expanded polystyrene (foam) formliners.

Properties

Colour	Straw
Opacity	Clear
Freeze Damage	None
Flash Point	64° C
Viscosity (centipoises)	3 @ 20° C
Solids	None
Density	826 g/L
VOC (Volatile Organic Compounds)	440 g/L

Table of Form and Formliner Compatibility

Plywood	All Grades, Pre-oiled, Overlaid (LDO, MDO, HDO)
Plastics	Fiberglass Reinforced, ABS, PVC
Coatings	Epoxy, Urethane
Elastomers	Urethane, Silicone
Steel	
Aluminum	

Application

Preparatory Work: Form surfaces must be extremely clean to produce architectural surfaces CCS 1, CCS 2 and CCS 3. Even very small amounts of buildup, dust or debris show on the final surface. Use only non-porous form and formliner surfaces to achieve CCS 1, CCS 2 and CCS 3 concrete surfaces.

Apply Crete-Lease 880 about 20 minutes before placing concrete, or up to 14 days before if treated surfaces are protected from dust and debris.

Dilution: Use as is...any dilution with fuel oil, diesel fuels, or mineral spirits promotes an increase in stripping difficulties, concrete build-up, bugholes, soft spots, and staining.

CCS 1 Application Guidelines: Non-porous form surfaces are critical to achieve CCS 1.

A) Wipe on an ultra thin film of Crete-Lease 880 Release Agent with a clean, soft flannel cloth that is moist, not wet, with release agent. Wipe out "brush strokes". B) Spray textured form or formliners then "wipe off" with a clean, soft flannel cloth that is moist, not wet, with Crete-Lease 880 Release Agent.

Properly executed, either procedure produces an ultra thin film of Crete-Lease 880 Release Agent less than 0.0005 inch... about 1/3 as thick as a human hair. This ultra thin film helps produce bughole-free concrete surfaces without stains and without problems of adhesion of caulk or other coatings. Forms strip cleanly and easily.

CCS 2 Application Guidelines: Spray Crete-Lease 880 in an ultra thin film from 0.0005 to 0.001 inch thick. Hold the spray tip 12 to 18 inches from the form. CCS 2 requires the use of non-porous forms and formliners. Only spray with flat spray tips...8001 or 800067. Adjust pressure to provide a flow rate through the spray tip of about 12 ounces per minute for the 8001 spray tip and 10 ounces per minute for the 800067 spray tip.

CCS 3 Application Guidelines: Spray apply Crete-Lease 880 in a thin film from 0.001 to 0.0025 inch thick. Use non-porous form surfaces to produce CCS 3. Use flat spray tips 8001 or 800067.

CCS 4 Application Guidelines: Spray Crete-Lease 880 in a film from 0.0025 to 0.0045 inch thick. Use any form or formliner, including any grade of plywood. Flat spray tip 8001 or 800067 are recommended.

CCS 5 Application Guidelines: Spray apply Crete-Lease Release Agent from 0.0045 to 0.0065 inch thick. Use any type of form.

CCS 6 Application Guidelines: Apply Crete-Lease Release Agent in the fastest, most convenient way.

Notes:

1. Producing CCS 1, CCS 2 or CCS 3 concrete surfaces requires the use of non-porous form facings (e.g., elastomeric, steel, plastic, high density overlaid plywood, fiberglass, ABS, PVC and urethane or epoxy coatings on wood).
2. An ultra thin film (0.0005 inch) of Crete-Lease 880 Release Agent releases easier than thicker films.

3. In producing CCS 1 concrete, the surface of the form or formliner must be free from defects. Joints must be water tight.
4. Protect form and formliner surfaces treated with release agent, from precipitation, dust and debris when producing CCS 1, CCS 2 and CCS 3.
5. Use Crete-Lease 10 Release Agent on expanded polystyrene formliners.

Coverage

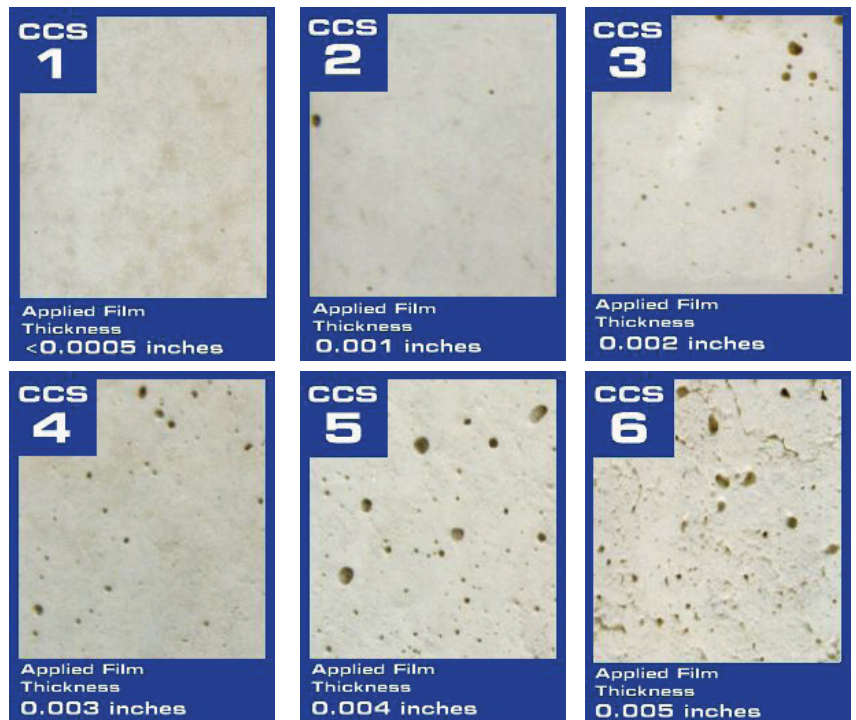
Form Surface	(m ² /l)
Hard & Smooth	49
Pre-oiled Plywood	29
Untreated Plywood	22

Storage

Cover or store drums on side to prevent water (i.e., moisture, condensation, rain) from entering the drum.

Standards on Concrete Finishes

CCS is a photographic guide to help you specify high quality architectural concrete surfaces. Using the guide, you choose the concrete surface you want when you're writing contract documents and specifications. A tool to get agreement with all involved in the project... ahead of time. An abbreviated version of the CCS Guide is shown:



Suggestion:

Hold this picture next to the hardened concrete surface, for a quick comparison.

LIMITED WARRANTY

Actech International Pty Ltd., "ACTECH" warrants the product against defects in materials for a period of 6 months from purchase. If ACTECH receives notice of such defects during the warranty period, ACTECH at its option will either replace the product or refund the purchase price. The warranty set forth above is exclusive and no other warranty, whether written or oral, is expressed or implied. ACTECH specifically disclaims the warranties of merchantability and fitness for a particular purpose. The remedies provided herein are buyer's sole and exclusive remedies. In no event shall ACTECH be liable for direct, indirect, special, incidental or consequential damages (including loss of profit) whether based on contract, tort or any other legal theory. Please read the information printed on the MSDS and contact ACTECH if you have any questions. Pilot tests are necessary. Due to the large number of different production circumstances we can not give a guarantee.