



chemical solutions to concrete problems

RELEASE AGENT #10

Maximum performance form release agent specifically formulated for use on dense, non-absorptive forms

How it works

RELEASE AGENT #10 (RA#10) reacts chemically with the alkalis in concrete to form a soapy film which allows trapped air and excess water to escape during vibration, minimizing surface voids and providing a smooth, uniform concrete finish. When used on steel, it reacts with the iron present on the form surface to form a film that retards rust formation between pours.

Applications

- Use on dense, non-absorptive form surfaces such as steel, plastic, fibreglass, and HDO, PSF, and CBF plywood forms.
- Ideal for precast and commercial forming operations where forms see daily use or are subject to aggressive stripping schedules and where architectural concrete surface appearance is a primary objective.

Advantages

- Greatly minimizes concrete surface voids (bugholes).
- Provides a crisp, positive release.
- Produces uniformly white concrete architectural surfaces.
- Fast drying.
- Minimizes form cleaning and maintenance costs - forms become self-cleaning with continued use.
- Low viscosity, chemically active formulation allows application at very high coverage rates, reducing costs.
- Non-staining.
- Sprays easily at all temperatures
- Hydrotreated naphthenic diluents reduce skin and odour irritations common with traditional solvent or petroleum based release agents.
- Does not impair the natural bonding characteristics of subsequently applied paint or other concrete surface coatings.
- Minimizes rust formation between pours.
- Less sensitive to application rate variations than other chemically active release agents.

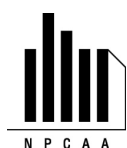
Precautions

- Do not use on aluminium, medium density overlaid plywood (MDO) or absorbent wood form surfaces. For medium density overlaid plywood (MDO) or absorbent wood form surfaces, Nox-crete Form Coating E is recommended.

- Do not use on any type of foam or rubber form surface. Nox-crete Form Coating E, PCE and Bio-nox are generally suitable for use on these form surfaces. Conduct a test application to verify compatibility prior to use.
- Applications to non-absorbent plastic or fibreglass forms may be subject to removal by heavy rain. In these situations, the use of Nox-crete PCE is recommended.

Use Instructions

- Request current product literature, labels and material safety data sheets from Reid and read thoroughly before product use.
- Site environmental conditions, substrate conditions and concrete mix design have a major effect on product selection, application methods, procedures and rates, appearance and performance. Product literature provides general information applicable to some conditions. However, an adequate production test application by the purchaser or installer in advance of field scale use is mandatory (irrespective of any other verbal or written representations) to verify that product and quantities purchased can be satisfactorily applied and will achieve desired appearance and performance under intended use conditions.
- Form surfaces should be reasonably dry and clean prior to application.
- For architectural or exposed concrete surfaces, remove all concrete build-up, rust, mill-scale and existing form oil residue before application.
- RA#10 is ready to use. Do not dilute. Spray application is recommended using the Reid TOTAL Spray Applicator Deluxe (RPPS02). This is equipped with the correct 8001LP nozzle size to ensure uniform product distribution.
- Typical application range on steel, plastic and resin-coated wood forms is 62 - 75m²/lt.
- Do not over apply. Excess material, runs and puddles can adversely affect performance and should be picked up promptly with rags.
- Prevent material overspray from contacting reinforcing steel and/or prestressed cables.
- Overspray and application equipment can be cleaned with mineral spirits.



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Technical Data

Colour (ASTM D-1500)	0.5 - 1.0
Viscosity (ASTM D-88)	38 SUS @ 38°C
Bulk Density	840 grams/litre
Pour Point (ASTM D-97)	-34°C
Flash Point (ASTM D-93)	>38°C PMCC
Volatile Organic Compound (VOC)	<450 grams/litre
Vapour Pressure	0.40 kPa @20°C

Packaging & Product Codes

Packaged in:

- 20 litre / 16.8 kg pails: RA1005
- 200 litre / 168 kg drums: RA1055
- 1,000 litre / 840 kg bulk tanks (totes): RA10275.

Shelf Life

One year from date of manufacture in properly stored original factory sealed containers. Use before expiration date stenciled on the container.

Handling/Storage

Read Material Safety Data Sheet (MSDS) prior to using. Store in dry area away from excessive heat, sparks, and open flame. Protect from freezing. Freezing may cause irreversible

damage and may render product unusable.

Availability and Technical Services

For stockists or technical information, please contact Reid on 1300-780-250.

Limited Warranty

NOTICE-READ CAREFULLY

CONDITIONS OF SALE

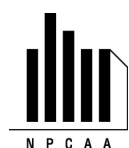
NOX-CRETE offers this product for sale subject to, and Buyer and all users are deemed to have accepted, the following conditions of sale and limited warranty which may only be varied by written agreement of a duly authorized corporate officer of NOX-CRETE. No other representative of or for NOX-CRETE is authorized to grant any warranty or to waive limitation of liability set forth below.

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