

K A U F M A N

PRODUCT
INFORMATION

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FormKote OTC

Description

FormKote OTC is a chemically reactive, ready to use concrete form release agent. It is formulated to be applied to forms prior to concrete placement and to facilitate their removal following concrete set. FormKote OTC is non-hazardous, and its' low viscosity facilitates easy spraying and cleaning up. FormKote OTC meets the rigid VOC content requirements of the Ozone Transport Commission (OTC), Lake Michigan Air Directors Consortium (LADCO), as well as the Environmental Protection Agency (EPA).

Uses

FormKote OTC provides both a chemical and physical release to all types of concrete forms, including steel, conditioned aluminum, all types of plywood & lumber, and fiberglass. Release is accomplished easily without the use of force or equipment that can damage form work. The resulting concrete is clean with minimal spalling. FormKote OTC also meets the requirements of Pennsylvania DOT as a bond-breaker lubricant, as per Section 516.2(f), for use with steel materials.

Features

FormKote OTC helps extend the life of wood forms, and due to the rust-inhibiting agents prevents rust on metal forms.

FormKote OTC minimizes concrete buildup on ready-mix trucks, mixers, spreader-finishers, buggies, chutes, etc.

Higher coverage rates, leads to lower costs. Over 3-4 times the area covered by the same quantity of physical type release agents.

FormKote OTC may be used on forms previously treated with other oil based form release agents.

The better performance and cleaner release from FormKote OTC shortens the stripping time to an absolute minimum.

FormKote OTC leaves no residues or stains, when properly applied.

Concrete surfaces cast against FormKote OTC, may be painted and caulked with proper preparation.

FormKote OTC may be used on conditioned aluminum, steel, plastic, fiberglass, plywood, etc.

Free of waxes, silicones, and diesel fuel.

VOC Compliant

Inherently Biodegradable

Technical Data

	Method	Results
Color	ASTM D-1500	<1
Clarity	visual	clear
Bulk Density	ASTM D-1250	7.1 lb./gal.
Viscosity, SUS	ASTM D-2161	<40 @100°F
Pour Point	ASTM D-97	-40°F
Flash Point	ASTM D-3278	293°F

Compliance

CE-204, CW-03101 and CEGS-03300

VOC Content

<250 grams/liter- Complies with applicable EPA, OTC, and LADCO specifications.

Packaging

275 gallon tote	1,040.88 Liters
55 gallon drum	208.15 Liters
5 gallon pail	18.93 Liters

Application

FormKote OTC is ready to use and requires no dilution.

Method:

FormKote OTC may be applied by spraying, roller, mopping, or brush. However, spraying is by far the best method, as the material is atomized to help prevent over-application, which can cause surface imperfections. Only apply to clean and dry forms. Clean application equipment with mineral spirits.

If using on new wooden forms of all types, it is imperative that FormKote OTC be applied multiple times until complete saturation prior to the first use.

Proper application is imperative, as over-application will lead to surface imperfections.

Coverage:

Untreated Plywood (CDX)	700-1,200 ft ² /gl.
Pre-oiled Plywood (BBOES)	1,000-1,500 ft ² /gl.
Medium Density Plywood (MDO)	1,500-2,000 ft ² /gl.
Steel, Plastic, Fiberglass,	2,000-2,500 ft ² /gl.
Aluminum, or High Density Plywood (HDO)	

Treat brackets, tie rods, shoring and scaffolding daily or as required to soften existing build-up and prevent future accumulations. Actual coverage rates depend upon the type of material and the porosity of the form surface.

Precautions

Before applying subsequent coatings, adhesives or sealants to concrete, cast against FormKote OTC, test for proper adhesion first. If improved adhesion is desired, acid-etch, clean and remove all traces of FormKote OTC. Test before using on white concrete, to be sure results are satisfactory.

Do not use on plaster or Styrofoam molds, as well as latex or rubber forms made from styrene butadiene resin (SBR) or natural rubber.

Combustible. Contains petroleum distillates, Keep away from sparks and open flames. Store away from heat. Do not cut or weld container. Avoid ingestion, skin and eye contact and inhalation of spray units. Read complete Safety Data Sheet (SDS) prior to use.

Technical Information

The following results were achieved under laboratory conditions. Statistical variations will occur based upon mixing methods, temperature & humidity, test methodology, site conditions, curing conditions, application methods, and equipment.

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