

## MISCELLANEOUS

Master Format #: 03 10 00

# FORMSHIELD G

## GENERAL USE, OIL-BASED, CHEMICALLY REACTIVE CONCRETE FORM RELEASE



**EUCLID CHEMICAL**

### PACKAGING

5 gal (18.9 L) pail

Code: 179FR 05

55 gal (208 L) drum

Code: 179FR 55

275 gal (1041 L) tote

Code: 179FR 27

### CLEAN UP

Clean tools and application equipment immediately after use with mineral spirits. Clean drips and overspray while still wet.

### SHELF LIFE

2 years in original, unopened package

### SPECIFICATIONS AND COMPLIANCES

- ACI 347
- Compliant with all VOC regulations in the U.S. and Canada

### DESCRIPTION

FORMSHIELD G is an economical, chemically reactive concrete form release agent for general use in concrete forming applications. FORMSHIELD G contains a proprietary ingredient that provides release capability superior to traditional, barrier-type form oils. FORMSHIELD G is compliant with all VOC regulations in the U.S. and Canada. Because it is not water-based, FORMSHIELD G does not require protection from freezing. Forms treated with FORMSHIELD G can be put to use faster than those treated with water-based release products. Metal, plastic, wood and composition forms strip cleanly with FORMSHIELD G.

### PRODUCT CHARACTERISTICS

#### FEATURES/BENEFITS

- Forms release easily and cleanly from concrete
- Less staining than barrier-type form oils
- Compliant with all VOC regulations in the U.S. and Canada
- Reduces the occurrence of voids and bugholes
- Tolerant to freezing conditions during storage and transportation
- Treated forms are ready for use quickly
- Not regulated for transportation - easy storage and shipping
- Very low odor

#### PRIMARY APPLICATIONS

- Preventing the adhesion of concrete to forms of all types in general concrete forming applications

#### APPEARANCE

FORMSHIELD G is a pale yellow liquid

#### PHYSICAL PROPERTIES

VOC content: < 5 g/L

Weight/gal: 7.26 lb/gal (0.87 kg/L)

#### COVERAGE

	ft <sup>2</sup> /gal (m <sup>2</sup> /L)
Plywood Forms	350 to 500 (8.59 to 12.27)
Wood Composition Forms	350 to 500 (8.59 to 12.27)
Plastic Forms	800 to 1,000 (19.63 to 24.54)
Rubber Forms	800 to 1,000 (19.63 to 24.54)
Metal Forms	800 to 1,000 (19.63 to 24.54)

**Note:** Coverage rates are approximate and for estimating purposes only. Surface temperature, porosity and texture will determine actual material requirements.

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## DIRECTIONS FOR USE

**Surface Preparation:** The form surface must be free from dirt, cement paste, hardened concrete and other residue that could transfer to the finished concrete surface. Before coating plywood forms, apply a heavy brush coat to the plywood edges to protect laminations.

**Application:** In cold weather or if FORMSHIELD G has been stored in a cold location, gently stir the product before using. FORMSHIELD G can be applied by brush, spray or roller. Apply in a continuous film, avoiding excessive buildup, runs and puddles. Forms treated with FORMSHIELD G will be ready to use within one hour on plywood and 2 to 3 hours on metal and plastic forms. Used forms can be re-coated with FORMSHIELD G if proper surface preparation techniques are followed.

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## PRECAUTIONS/LIMITATIONS

- Do not thin or dilute FORMSHIELD G.
- The viscosity of FORMSHIELD G increases at low temperatures, resulting in reduced sprayability.
- In all cases, consult the Safety Data Sheet before use.

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