



FORMSHIELD GV - IN

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

EUCLID CHEMICAL

DESCRIPTION

FORMSHIELD GV - IN is an economical, chemically reactive concrete form release agent for general use in concrete forming applications. FORMSHIELD GV - IN contains a proprietary ingredient that provides release capability superior to traditional, barrier-type form oils. FORMSHIELD GV - IN is compliant with all VOC regulations. Forms treated with FORMSHIELD GV - IN can be put to use faster pace.

PRIMARY APPLICATIONS

- Preventing the adhesion of concrete to forms of all types in general concrete forming applications
- Plywood, aluminum, metal, plastic, wood and composition forms .

FEATURES/BENEFITS

- Forms release easily and cleanly from concrete
- Less staining than barrier-type form oils
- Reduces the occurrence of voids and bug holes
- 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

TECHNICAL INFORMATION

Material properties tested under laboratory conditions @ 27°C, 50% RH.

PROPERTIES	VALUE
Appearance	Light brown liquid
Specific Gravity	0.88 – 0.92
Solubility	Soluble in Diesel / Kerosene
Viscosity	16 – 24 Sec
Flash Point	>140°C

PACKAGING

FORMSHIELD GV - IN is packaged in 20 L HDPE pail and 200 L HDPE drum.

SHELF LIFE

12 months in original, unopened container.

SPECIFICATIONS/COMPLIANCES

- ACI 347

MISCELLANEOUS

FORMSHIELD GV - IN

Rev.01, 04/20

COVERAGE

- 30 – 60 m²/L depending on the porosity and texture of the mould surface
- **Note:** Coverage rates are approximate and for estimating purposes only. Surface temperature, porosity and texture will determine actual material requirements.

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 GV - IN has been stored in a cold location, gently stir the product before using. FORMSHIELD GV - IN can be applied by brush, spray or roller. Apply in a continuous film, avoiding excessive buildup, runs and puddles.

Forms treated with FORMSHIELD GV - IN 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 GV- IN if proper surface preparation techniques are followed.

CLEAN-UP

- Clean tools and application equipment immediately after use with mineral spirits/EUCO SOLVENT. Clean drips and over spray while still wet.

PRECAUTIONS/LIMITATIONS

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