

COSTAR FORM 100

Costar Organic Emulsion Based Release Agent



PRODUCT DESCRIPTION

COSTARFORM 100 is an organic emulsion-based product, which provides quick, easy to clean and release concrete forms. Costar Form 100 is formulated from carefully selected and blended combination of refined mineral oils and emulsifying agents, producing a thin film stable release agent that can be applied to steel, plastic and timber formwork. The thin film obtained over substrate by the application of Costar Form 100 allows trapped air or free water to escape during vibration to minimize surface voids

FEATURES

- Can be safely used inside or outside.
- Produces a better and cleaner cast when applied on pre-stressed and precast concrete forms.
- Cuts stripping time to an absolute minimum.
- Reduces form cleaning and repairing.
- Increases wood form life, rustproofs metal forms.
- Possesses good adhesion properties to formwork.
- Effectively minimizes concrete buildup on pavers, R/M trucks, mixers, spreader-finishers, buggies, chutes, and other equipment.
- Breaks concrete bond between surface and form cleanly and effectively leaves smooth surface.
- Will not stain or discolor concrete and can be painted over.
- Allows clean, fast and easy striking off formwork
- Ready to use, requires no additional mixing.
- Minimizes surface voids.
- It makes cleaning of tools easier and faster with water.

- Posses rust rust inhibition properties.
- VOC Compliant

Surface Preparation

Form surfaces are to be thoroughly cleaned prior to application. All rust, scale, and previously used form release agents must be removed in accordance with good concrete practices.

APPLICATIONS INSTRUCTION

- Spraying is the ideal method of application for Costarform 100.
- It may also be applied by roller coating, mopping, or brushing.
- A thin film should be applied for maximum economy and efficiency.
- Runs or puddles need to be brushed out.
- For metalforms, the best results are obtained with a spray on "fog" application of Costarform 100.

Coverage

Non-porous form surfaces 30 - 35 m² / litre
 Semi-porous form surfaces 25 - 30 m² / litre
 Porous form surfaces 12 - 25 m² / litre

Please Note: The coverage rate is dependent on the porosity of the form being used. The coverage rate and the form release properties will be reduced if the formwork is of an old/worn nature,

STORAGE AND SELF LIFE

Protect from freezing, if frozen or crystallized, thaw gradually and stir to homogenous mixture. Shelf life in unopened original containers is 12 months when stored at 70°F (21°C).



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TECHNICAL PROPERTIES

Packaging	20ltrs, 210ltrs, 1000ltrs
Appearance	Pale yellow liquid
Shelf life	12 months from date of production
Storage condition	Product must be stored in original, unopened, and undamaged sealed packaging in dry condition and temperature between +5°C and +35 °C.
Specific gravity @ 20°C	0.9
Flash point	140°C
Application temp	Minimum 10° C Maximum 30° C
Substrate temp	+5 °C min. / +35 °C max

STANDARD COMPLIANCE

Standard complies with U.S. EPA, LADCO states, OTC states, SCAQMD, and all other current North American VOC regulations.

HEALTH & SAFETY

- Please ensure that hand gloves and goggles are worn during installation
- Apply in ventilated areas, away from flames
- It is only important that during application and after application, standard safety procedures are done.
- Please consult current MSDS for product.

• For Professional Use only.

ADDITIONAL INFORMATION

Costarchem manufactures a complete range of construction chemical products which include:

- Concrete admixtures
- Waterproofing system
- Flooring system
- Cementitious and epoxy precision grouts
- Damp-proofing products
- Sealants and adhesives
- Repair and refurbishment systems

For more information on any of our products, please contact Costarchem global or regional office.

LEGAL NOTE

The information and recommendations relating to the application of Costarchem products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with the stated recommendations in the product datasheets. Whilst Costarchem endeavors to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it. The user of the product must test the product's suitability for the intended application and purpose. Costarchem reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

