

With the help of HEMIX GROUP additives and our assistance, our customers achieve performance, significantly reduce labor costs, save resources, and improve product quality.

HEMIX CLEARFORM

Vegetable Oil-Based Release Agent for Molds and Formwork

HEMIX CLEARFORM is a biodegradable release agent based on non-toxic, non-irritating vegetable oils with a specialized additive complex. This product provides an easy and complete release of concrete from molds, significantly improving the surface quality of products.

Application

HEMIX CLEARFORM is compatible with all types of molds, including wooden, metal, plastic, plywood, and rubber ones, as well as production lines with magnetic sides, and horizontal and vertical steel molds.

The release agent can be used for cast-in-place concrete as well as for precast concrete manufacturing at concrete plants. It is suitable for both steam and autoclave curing conditions.

When using HEMIX CLEARFORM for isothermal curing, temperatures shouldn't exceed 90°C

Advantages

HEMIX CLEARFORM enables:

- Achieving a smooth and homogeneous concrete surface
- Minimizing surface defects such as caverns, cracks, and voids
- Reducing surface pores and voids in products
- Preventing adhesion of the concrete mixture to molds or formwork
- Simplifying concrete demolding
- Protecting metal molds from corrosion
- Shortening formwork removal time
- Extending the service life of molds and formwork

A wide range of chemical additives helps optimize every aspect of concrete production: from improving physical properties to enhancing product durability and reducing production costs.

All additives are produced at HEMIX GROUP's modern plants located in the Far East region. We guarantee high quality and compliance with the required standards.

We understand that additives are merely a part of concrete production. Effective technical support is just as essential for key processes.

To unlock the full potential of our products, we provide complete technical support services for plants manufacturing ready-mix concrete, reinforced concrete, vibro-pressed products, and more.

Appearance:

Oily, light yellow liquid

Density (at 20 °C):

$0.88 \pm 0.05 \text{ g/cm}^3$

Biodegradability: >82%

Our extensive experience and professionalism allow us to tackle tasks of any level and provide the highest production efficiency.

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Mechanism

This vegetable oil-based release agent is solvent-free and suitable for use with all types of concrete. It is non-toxic and does not cause irritation. The formula is specifically designed to enable easy unmolding of concrete.

When used for long periods, HEMIX CLEARFORM exhibits a self-cleaning effect on molds, helping remove concrete residues from previous applications. This feature helps reduce the effort required for manual cleaning of molds and formwork. Additionally, the agent creates a protective layer that prevents metal molds from corroding, extending their operational life.

Thanks to the advanced formula, the release agent does not leave oily stains on finished surfaces or discolor concrete, which makes it suitable for white cement mixtures.

Application Method

1. Clean the mold or formwork surfaces of any previously used release agents before applying HEMIX CLEARFORM
2. Apply the agent manually using a brush, roller, or spray
3. Ensure the entire surface is evenly coated with the release agent

⚠ NOTE: For better surface quality, avoid excessive release agents use on molds and formwork.

Consumption per Unit Area

The required amount of release agent varies depending on the application method.
When sprayed, it requires 0.008-0.042 L/m²

Compatibility

The product is compatible with all types of molds.


Packaging

1 000 kg containers

220 kg drums

Smaller containers (5 – 20 kg) are also available for laboratory and field trials

Транспортировка

 Follow general regulations and guidelines for handling flammable liquids.

⚠ Precautions

- Use protective gloves when working with the additive
- In case of skin contact, rinse with water
- Avoid contact with mucous membranes. In case of contact, rinse thoroughly with water

Shelf Life: 12 months

Store in closed containers at 5-35 °C.

Product properties may alter before the expiration date if the storage guidelines are not followed.

**CONSTRUCTION INNOVATIONS
BEGIN WITH HEMIX GROUP**