

General Purpose Formwork And Mold Release Agent



AddChem FORM 4®

Description

AddChem FORM 4® is an environmentally friendly and biodegradable mold release agent.

AddChem FORM 4® is an emulsion of vegetable oils.

AddChem FORM 4® creates a homogenous constellation of oil droplets onto the surface of the formworks. This oil film allows trapped air or free water to escape during vibration to minimize surface voids.

Advantages

- Allows clean, fast and easy striking.
- Ready to use product.
- Easy to use.
- Low consumption.
- Ideal for visual demanding surfaces.
- Non flammable.
- Good adhesion to the form work.
- Reduced sticking of concrete.
- Safe.
- Biodegradable.
- Low viscosity.
- Non staining.
- Economical.
- Maximizes the life of formwork.

USES

AddChem FORM 4® is ready to use and requires no mixing but adequate stirring is advisable.

AddChem FORM 4® is applied by a sprayer, brush, roller or swab may also be used.

AddChem FORM 4® should be applied to forms prior to each use.

AddChem FORM 4® can be applied up to a maximum of one day prior to pouring depending on the environment conditions.

AddChem FORM 4® should be allowed to dry before concreting takes place.

AddChem FORM 4® must be applied in sufficient quantity without any excess.

RECOMMENDED USES

AddChem FORM 4® is versatile and allows the application on the following substrates:

- Precast Concrete.
- Plastic, Wood and steel formworks.
- Steam and non steam cured concrete.
- Colored concrete.
- Decoration pieces.
- Fair- face concrete works.

Technical Properties

Nature	Liquid
Color	Milky White
Density	0.985 ± 0.05

Standards Compliance

AddChem FORM 4® conforms for PCB content with legislation in force (Directives of the European Communities Council No. 85/467/CEE of 1st October 85 – OJ of the European Communities L269 of October 1985).

Packaging

AddChem FORM 4® 200,20 liter drums and 1000 liter IBC.

AddChem FORM 4[®]



Precautions

- Avoid excessive application.
- New formworks should be kept dry and after AddChem FORM 4[®] is been applied, it should be protected from rain and frost.
- For applied with white cement, it is advisable to run a compatibility test before use.

Consumption

Depending on the surface structure and its absorbing abilities, and according to the application process, the necessary amount might vary between 30-50 m²/L and has to be determined for each single application.

Shelf Life

12 months when stored in dry environment, protected from direct sunlight and frost.

AddChem FORM 4[®] must be stored properly in undamaged and unopened original sealed packing.

Quality, Environmental & HS

AddChem FORM 4[®] is considered not dangerous to handle.

Please refer to the material safety data sheet for additional information.

Technical support

For any technical support, please contact IChem technical office or representatives

