

Technical Datasheet

PLASTIPROOF

Plasticizer, type A - Concrete waterproofing admixture

Description

PLASTIPROOF is a liquid admixture acting as a concrete plasticizer and waterproofing agent (ASTM C-494: Type A), while offering the following advantages:

- It significantly increases water impermeability, against either hydrostatic pressure or capillary absorption.
- It improves workability without the addition of water.
- It has no air entraining action.
- It is free of chlorides and other corrosive ingredients.
- It is compatible with all kinds of Portland cement.

Certified according to EN 934-2:T2 & T9 and classified as water-reducing concrete plasticizing admixture. CE marked. Certificate number: 0906-CPR-02412007/01.

Fields of application

PLASTIPROOF is a necessary aid for preparing high strength concrete, exposed concrete, pumpable concrete, etc.

It is suitable for any type of concrete element that is in constant or temporary contact with water, such as foundations, basements, water tanks, tunnels, canals, sewage and wastewater treatment tanks, swimming pools, etc.

Technical data

Color:	dark brown
Density:	1.08 - 1.14 kg/l
pH:	7.50 ± 1.00
Maximum chloride content:	chloride-free
Maximum alkali content:	≤ 4.0% by weight

Directions for use

PLASTIPROOF can be added:

- to the mixing water during the preparation of concrete.
- to the ready-mixed concrete just before use. In this case, the concrete mixer truck should rotate for an additional 3-5 minutes to achieve uniform dispersion of PLASTIPROOF into the concrete mass.

Dosage

0.2-0.5 kg per 100 kg of cement.

Packaging

PLASTIPROOF is supplied in 5 kg and 20 kg plastic containers, in 240 kg drums and in 1,000 kg tanks.

Shelf life – Storage

18 months from production date if stored in original, unopened packaging at temperatures between +5°C and +35°C. Protect from direct sunlight and frost.

Remarks

- Overdosage may cause retardation of setting time without adversely affecting the final strength.
- Specific local regulations concerning production and placing of concrete must be followed.

PLASTIPROOF



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EN 934-2:2009+A1:2012

DoP No.: PLASTIPROOF/1630-03

PLASTIPROOF

Water Reducing/Plasticizing & Water Resisting
admixture for concrete
EN 934-2: T.2 & T.9

Max chloride content: chloride free

Max alkali content: $\leq 4,0$ % by weight

Corrosion behaviour: contains components only
from EN 934-1:2008, Annex A.1

Dangerous substances: compliance

ISOMAT S.A.

BUILDING CHEMICALS AND MORTARS

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