

ABATARD-L LIQUID SET-RETARDING ADMIXTURE

ABATARD-L is a highly efficient set-retarding admixture which temporarily stops the chemical action of hydration, delaying the initial set in direct proportion to the dosage used.

It meets the requirements of the following standards:

ASTM C494/C494 M TYPE B

EN 934-2

INSO 2930 Table 9

ADVANTAGES

- Provides controlled setting time
- Suitable for use in tropical and hot climatic conditions
- Increases workability retention
- Enables production and transportation of concrete over long distances
- After the initial retardation, the rate of hardening proceeds at a rate
- Prevents surface cracks in concrete
- Minimizes the risk of cold joints

APPLICATION

- Hot weather concreting
- Mass concrete
- Produces concrete with fractured coarse aggregates
- Pumping concrete at long distances transportation
- Roller-Compacted Concrete (RCC) - i.e. use for dam applications

DOSAGE

The retardation rate achieved is directly dependent on the dosage rate which in turn is influenced by sizes and types of aggregates, cement content, type of concrete, water/cement ratio and ambient temperature.

The optimum dosage of ABATARD-L should be determined by trials in the site. A dosage of between 0.05 and 3.0 percent by weight of cementitious materials is recommended.

For use with other range of dosage, contact ABADGARAN GROUP Technical Services Department.

Note: Please contact our Technical Department in case of simultaneous use of more than one admixture.

DIRECTION OF USE

1- ABATARD-L could be added to a part of concrete mixture water then added to the concrete mix

2-ABATARD-L could be added to the concrete mix during the mixing cycle at the same time as the water or the aggregate or it could be added to ready-mixed concrete before placing concrete

Note: Admixtures must be weighed carefully



موسسه استاندارد و تحقیقات صنعتی ایران
تائیدیه صلاحیت آزمایشگاه همکار



مرکز ملی تایید صلاحیت ایران
ISO / IEC 17025



مجوز صادرات
به اتحادیه اروپا



استاندارد ملی ایران



PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Light Brown
Specific gravity	1.06 ± 0.05 g/cm ³
Chloride content	Nil to EN 934

STORAGE & SHELF LIFE

Shelf life: 1 year in the original package

Storage condition: should be protected from direct sunlight and frost. Keep container in the temperature range between +10°C and +30°C.

Packing: 20 kg container

HEALTH AND SAFETY

This product does not contain any substances hazardous to human health and the environment. However, it should not be swallowed or allowed to be in contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water. For further information refer to the material safety data sheet.

ABATARD-L is not flammable. MSDS is available at ABADGARAN GROUP website.

TECHNICAL SERVICE

The ABADGARAN INTERNATIONAL GROUP Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

All data presented in this technical datasheet are based on our last researches in ABADGARAN CONSTRUCTION CHEMICALS laboratories and are just as a guide for choosing appropriate material. Therefore users should conduct a sufficient investigation to establish the suitability and conformity of any product for intended uses.



موسسه استاندارد و تحقیقات صنعتی ایران
تائیدیه صلاحیت آزمایشگاه همکار



مرکز ملی تائید صلاحیت ایران
ISO / IEC 17025



مجوز صادرات
به اتحادیه اروپا



استاندارد ملی ایران

تهران، خیابان سهروردی شمالی، خیابان شهید قندی غربی، ساختمان شماره ۱۲۴، واحد ۱ | تلفکس: ۸۷۷۵۴

www.abadgarangroup.com

info@abadgarangroup.com



واحد تولیدی نمونه ملی