

**ABATARD-P
POWDER SET-RETARDING ADMIXTURE**

ABATARD-P is a highly efficient set-retarding admixture with crystallized structure 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

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

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

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, ambient temperature.

The optimum dosage of ABATARD-P can be determined by trials in the site. A dosage of between 0.5 and 3.0 percent by weight of cement is recommended.

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

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

DIRECTION OF USE

1- ABATARD-P could be added to a part of concrete mixing water then added to the concrete mix

2- ABATARD-P could be added to the concrete mix during the mixing cycle before adding water

Note: Admixtures must be weighed carefully



PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Powder
Color	White / Light Brown
Specific gravity	0.95 ± 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 moisture. Keep bag in the temperature range between +10°C and +30°C.

Packing: 20 kg bag

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-P is not flammable. MSDS is available at ABADGARAN 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
تأییدیه صلاحیت آزمایشگاه همکار



مرکز ملی تأیید صلاحیت ایران
ISO / IEC 17025



مجوز صادرات
به اتحادیه اروپا



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