

P.A.PLAST-S4**MULTI-PURPOSE WATER REDUCER /HIGH RANGE WATER REDUCER****DESCRIPTION**

P.A.PLAST-S4 is a water reducer / high range water reducer admixture.

It meets the requirements of the following standards:

ASTM C494/C494 M TYPE A, TYPE F

EN 934

INSO 2930

ADVANTAGES

- Reduces water-cement ratio as a mid-range to high-range water reducer
- Increases workability and workability retention of concrete
- Improves pumpability of concrete
- It can be used with all types of Portland cement
- Prevents creep and shrinkage of concrete
- Increases the compressive strength of concrete
- Prevents bleeding and segregation of concrete

APPLICATION

- Suitable for both ready mix concrete and addition into batching procedure
- Suitable for producing pumpable concrete
- Slabs, foundations, columns, shear and retaining walls, deck bridges, etc.
- Suitable for concreting in various weathers

DOSAGE

The optimum dosage of P.A.PLAST-S4 can be determined by trials in the site. Depending on concrete mix design (sizes and types of aggregates, cement content, water/cement ratio, ambient temperature and concreting conditions), a dosage of between 0.5 and 2.0 percent by weight of cement or cementitious material is recommended.

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

DIRECTION OF USE

1- P.A.PLAST-S4 could be added to a part of concrete mixing water then added to the concrete mix.

2- P.A.PLAST-S4 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-mix concrete before placing concrete.

3- Admixtures must be weighed carefully.



TECHNICAL PROPERTIES

Specific gravity	1.02±0.05 g/cm ³
Physical state	Liquid
Color	Colorless to slightly yellow
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: 21 kg container or 1000 kg tank

HEALTH AND SAFETY

This product does not contain any substances hazardous to human health and the environment. However, it should not be swallowed and contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water. P. A. PLAST-S4 is not flammable.

For further information refer to the material safety data sheet. 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 تایید صلاحیت ایران
ISO / IEC 17025



مجوز صادرات
به اتحادیه اروپا



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