MAX FLO P800 (POWDER)

SET RETARDING POWDER MIXTURE

RESSICHEM®
adding life and value to your property

Max Flo P 800 (Powder) is a powerful concrete plasticizer and retarding admixture use to improve the workability of concrete mixes.

STANDARDS

ASTM C494, Type B and D and BS EN 934-2

USES

Max Flo P 800 (Powder) is used for reduction of free water content in concrete mixes at the stage time improving the workability of the concrete. It is used to produce workable and dense concrete for use in construction of tunnels, runways, canals, dams, reservoirs, marine structures and in the manufacture of ready mix concrete.

ADVANTAGES

- ✔ Extension of slump retention even at high temperature.
- ✔ Workability improvement in all types of concrete mixes.
- ✔ 10-15% water reducing effect can be obtained.
- ✔ Increased strength.
- ✔ Reduced water without loss in workability.
- ✔ Best for pumpable concrete.
- ✔ Effective in achieving cement reduction.
- ✔ Durable concrete can be achieved.
- ✔ Extended setting time at high temperature.
- ✔ Reduce shrinkage and creep.

TYPICAL PROPERTIES AT 25°C

Property	Test Method	Value
Component	-	Single
Form	-	Powder
Colour	-	Brown to Grey
Air Entrainment	ASTM C231	Up to 1% over control mix
Chloride Content	BS EN 480-10	Nil to BS EN 934-2

Typical results under laboratory conditions. Results may vary as per site and usage conditions

COMPATIBILITY

Max Flo P 800 (Powder) can be used with all types of cements and cementitious materials like fly ash, GGBS, micro silica etc. Max Flo P 800 (Powder) should not be pre-mixed with other admixtures.

ریسیکیم®
مضبوطی اور پائیداری کے لئے
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DOSAGE

Recommended dosage is 0.25 – 0.75 % by weight of cementitious material. Optimum dosage of Max Flo P 800 (Powder) and effect of concrete properties such workability, strength, setting time, etc. The concrete and mortar properties are best assessed after preliminary tests on site using the actual material of mixes under consideration.

EFFECT OF OVERDOSING

Overdosing may result in higher workability and delay in setting. If intentionally or accidentally, dosage used is above the recommended dosages, care must be taken to allow for the effect on the striping of formwork. In such cases, provided the concrete is properly cured the ultimate strength will generally be higher than the regular concrete. The effects of overdosing are increased when sulphate resistant cement is used in the concrete mixes because of the chemical nature of the cement as compared to that of OPC.

PACK SIZE

Available in 2KG and 20KG Packs.

DISPENSING

Max Flo P 800 (Powder) should be directly mixed with the sand, cement, and aggregate.

SHELF LIFE

12 months from the date of manufacture when stored under cool and dry warehouse conditions in original unopened packaging. Extreme temperature and humidity may reduce shelf life.

HEALTH AND SAFETY

This product is considered as non-hazardous and safe for transportation. Suitable masks and gloves can be worn during application. Contact with skin should be avoided. Refer to product MSDS for further health and safety information.

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PRINTED

UNIVERSAL

NOTE:

If printed bags / pouches are not available, neutral bags / pouches with label. Lot number and manufacturing date to be stamped at the back.

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