

POLYPLUSS 2041

HIGH RANGE WATER REDUCING AND SET RETARDING CONCRETE ADMIXTURE.

Complies with ASTM C494 Type G.

Product Description:

POLYPLUSS 2041 is High Range Super-Plasticizer Retarder Concrete Admixture designed for improving the concrete workability, strengths, and the properties of fresh and hardened concrete.

Uses:

- Excellent for hot weather concrete.
- Suitable for high reinforcement elements.
- Suitable for long distance pouring.
- Ideal for pumped concrete.
- Suitable for micro silica concrete and cem III
- Improve durability by increasing ultimate strengths and ultra-high strength concrete

Advantages:

- Makes possible major reductions in water cement ratio which improve the concrete strength without increasing the cement contents.
- Improving cohesion and particle dispersion.
- Chloride free, safe for use in pre-stressed and reinforced concrete.
- High degree of workability retention which allows concrete finishing with no hurry

Dispensing:

The correct quantity of **POLYPLUSS 2041** should be measured by means of a recommended dispenser. The admixture should then be added to the concrete with the mixing water to obtain the best results. Never add to dry cement.

Dosage:

Optimum dosage of **POLYPLUSS 2041** is normally dispensed at the rate from 0.8 to 3.0 % of cement weight. in high performance micro silica concrete, dosage of 2041 is 3.5 % cement weight.

Effect of overdosing:

An overdose of double the intended amount of **POLYPLUSS 2041** will result retardation in setting, increase in air-entrainment and high flowability.

Compatibility:

POLYPLUSS 2041 is compatible with all **POLYPLUSS**, **POLYPLUST** and, **POLYPROOF** families.

Precautions:

Health and safety instructions:
POLYPLUSS 2041 does not fall into the hazard classifications. However, it should not be swallowed or allowed to come into contact with the skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with the eyes it shall be rinsed immediately with plenty of water and medical advice sought immediately. If swallowed, medical attention shall be sought immediately.
POLYPLUSS 2041 is water based and non-flammable.

Properties:

Color	Brown Liquid
Specific Gravity	1.210 ± 0.01 at 21° C
Air Content	Less than 3% according to dosage
Chloride Content	Nil
PH	7.0 ±1.0