

GP 101A

Water reducing and retarding admixture

DESCRIPTION

GP 101A admixture is a ready to use aqueous solution of hydroxylated organic compounds. It is specially formulated for RCC dam application.

GP 101A works as a water-reducing and set-retarding admixture. GP 101A complies with AS1478, type WRRe.

BENEFITS

- Prevents cold joints formation and lower heat evolution with delayed concrete setting time
- Greater plasticity and workability in fresh concrete with water reduction
- Improves strength and permeability of hardened concrete
- Allows RCC mix to adapt easily to variation in quality of raw materials

APPLICATION

- Roller Compacted Concrete (RCC)
- Mass concrete
- Transit mix concrete
- Large placement area
- Jobs where high temperature and setting times are prime factors

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Straw coloured
Lifetime	12 months
Specific gravity (kg)	1,170 ± 0,020
pH	7,00 ± 1,00

PACKAGING

- Bulk
- IBC 1000L
- 205 L Drum
- Pail

SAFETY

Prior to any use, please read carefully the Safety Data Sheet (SDS).

METHOD OF USE

Dosage :

Dosage rates of GP 101A typically ranges from 400 to 1,200 ml / 100 kg of cementitious material. The amount to be used depends upon the degree of retardation required under job conditions. Longer setting times or higher temperatures requires higher dose rates. Conversely, the dose rate will be lower for shorter extensions of time.

GP 101A retards the initial and final set of RCC. At the usual dosage rate of 600 / 100 kg total cementitious material, it extends the initial setting time of concrete containing pozzolanic materials by 4 to 6 hours at 22°C.

Equipment :

Please contact your local Chryso representative for further information regarding the dispensing equipment for this product.

COMPATIBILITY

- Air-entrainers such as Chryso®Air
- Compatible with Chryso admixtures
- When using admixtures in combination, each admixture should be added separately to the mix

PRECAUTIONS

GP 101A will begin to freeze at approximately 0°C but will return to full strength after thawing and thorough agitation.