

MIRA® MP 321

Mid-Range Water Reducing Admixture

DESCRIPTION

MIRA® MP 321 is an aqueous solution of complex polycarboxylate polymers which contribute uniquely to concrete's final properties of strength and durability. MIRA® MP 321 has been developed so that at various dose rates, it can function as a water reducer (Type WR), mid-range water reducer (Type MWR) and high-range water reducer (Type HWR).

MIRA® MP 321 is manufactured under rigid controls to ensure uniform and predictable performance. MIRA® MP 321 contains no triethanolamine. MIRA® MP 321 can be used either in combination with other WR, or HWR admixtures or as a substitute. MIRA® MP 321 complies with AS 1478.1-2000, Type MWR.

BENEFITS

- Versatile water reducing admixture for all grades of concrete
- Increased compressive strength due to high level of cementitious dispersion
- Reduced placement effort for concrete made at higher slumps
- High workability

APPLICATION

- Premix and precast concrete

INDICATIVE INFORMATION

| | |
|-----------------------|---------------|
| Product Nature | Liquid |
| Color | Green |
| Lifetime | 12 months |
| Specific gravity (kg) | 1,040 ± 0,010 |
| pH | 5,50 ± 0,50 |

PACKAGING

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

SAFETY

MIRA® MP 321 is a non-hazardous chemical admixture. Prior to any use, please read carefully the Safety Data Sheet (SDS).

METHOD OF USE

Dosage :

MIRA® MP 321 has flexible dose rates:

- As a water reducer (Type WR), dose rates of 300 to 500 ml / 100 kg total cementitious
- As a mid-range water reducer (Type MWR), dose rates of 500 to 800 ml / 100 kg total cementitious
- As a high-range water reducer (Type HWR), dose rates of 800 to 1800 ml / 100 kg total cementitious. Minimal set time extension may be experienced at higher dose rates

Equipment :

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

COMPATIBILITY

- Air-entrainers such as Chryso®Air
- High-range water reducers such as Chryso®Adva
- Retarders, accelerators and Chryso®Eclipse admixtures
- When using admixtures in combination, each admixture should be added separately to the mix

PRECAUTIONS

- MIRA® MP 321 contains no flammable ingredients
- MIRA® MP 321 will freeze at 0°C but will return to full functionality after thawing and thorough mechanical agitation