

WRDA® PN 40

Normal range water reducing admixture

DESCRIPTION

WRDA® PN 40 is an aqueous solution of highly purified polycarboxylate and carbohydrates. WRDA® PN 40 contains no Triethanolamine. As a dispersing agent, WRDA® PN 40 lessens the natural inter-particle attraction between cement grains in water. It does this by absorbing itself onto the cement particle reducing their tendency to clump together, resulting in the mix being more workable with less water. WRDA® PN 40 is also formulated with set and strength catalysts which promote more complete hydration of cement and Pozzolan materials.

WRDA® PN 40 contains finishability agents that provide enhanced "slickness" to the surface of the concrete. This allows for easier trowelling, resulting in a greatly improved finish to the concrete as compared to what can be achieved using conventional water reducers. WRDA® PN 40 will also assist in producing concrete that will pump better due to the finishability agents that are used. WRDA® PN 40 complies with AS 1478.1-2000, type WR.

BENEFITS

- Water reduction
- Lower air
- Enhanced strength
- Superior finishability
- Workability
- Durability

APPLICATION

- SCM concrete
- For all concrete grades
- Pre-mix, on-site and pre-cast plants
- Suited for lean concrete mixes and concrete that uses manufactured sand

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Orange
Lifetime	12 months
Specific gravity (kg)	1,070 ± 0,020
pH	5,50 ± 0,50

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 :

WRDA® PN 40 will provide water reduction with neutral sets at the recommended dose rates. At increased dose rates it can give some retardation. The dose rate for WRDA® PN 40 is typically 200 to 600 ml / 100 kg of total cementitious material. Optimal dose rate will be 300 to 500 ml /100 kg total cementitious material.

Equipment :

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

COMPATIBILITY

- Water reducers with Chryso®WRDA
- Mid and high range water reducers such as Chryso®Mira and Chryso®Adva
- Chryso range of accelerators and retarders
- Air-entraining concrete admixtures