

Quad® 560

Water reducing Plasticizing admixture

DESCRIPTION

Quad® 560 is a new-generation water-reducing plasticising admixture incorporating Quad GRAFT Technology. Developed using advanced hybrid polymer technology, it has been specifically formulated to improve the rheology of concretes containing manufactured sands, crushed fine aggregates, gap-graded aggregates, and marine sands.

Quad® 560 offers excellent flexibility across a wide dosage range and can be used in a variety of concrete types, including low water/cement ratio mixes. It enables the production of high-workability concrete without increasing mix water content and can support cement optimisation through improved aggregate utilisation.

BENEFITS

- Improves rheology in concretes containing challenging aggregates
- Suitable for manufactured sands and crushed fine aggregates
- Enhances compaction
- Increases concrete strength
- Improves production efficiency
- Supports cement optimisation without strength loss
- Suitable for a wide range of applications
- Flexible dosage range
- Enables high workability without increasing water content

FIELDS OF APPLICATION

Types of Application

- Ready-mix concrete
- Reinforced concrete
- Pumped concrete
- High-consistence concrete
- Concretes containing manufactured sands
- Concretes containing gap-graded aggregates
- Concretes containing clean or marine aggregates

Compatibility with Cements

- All types of cement
- Pulverised fuel ash (PFA)
- Ground granulated blastfurnace slag (GGBS)

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Brown
Lifetime	12 months
Specific gravity	1,060 ± 0,020

PACKAGING

METHOD OF USE

Dosage :

Typical dosage range: **0.3 – 1.5 kg per 100 kg of cement**

- The product is completely miscible in water
- Add to the mixing water
- Mixing should continue until a homogeneous concrete is obtained
- Optimum dosage should be determined through preliminary trials using actual materials and site conditions

PRECAUTIONS

- Protect from frost
- If frozen, allow the product to thaw completely and mix thoroughly before use

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to UKCA and CE marking. The appropriate declaration can be found on our internet.
- This product conforms to BS EN934-2 Table 2 certification, which technical specifications are those applied in the non-harmonised part of the BS EN 934-2.

SAFETY

Quad® 560 is classified as **harmless**. Normal personal protective equipment should be worn during handling. Refer to the relevant **Safety Data Sheet (SDS)** before use.

For further information, please refer to the safety data sheet on our internet site www.uk.chryso.com.

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- 215 L Barrel
- Container of 1000L
- Bulk delivery on request