Master X-Seed STE 800

Strength-enhancing admixture for concrete with increased levels of SCM replacement

Material Description

Master X-Seed STE 800 is an engineered Strength-Enhancing Admixture, designed to promote the hydration process of cement and cementitious blends.
Master X-Seed STE 800 promotes concrete hardening, increasing strength development at both early (1-3 day) and late (7-28 day) ages. This increase in strength can enable the increased use of Supplementary Cementitious Materials (SCMs) to assist in meeting embodied CO_2 reduction targets.

Areas of Application

Master X-Seed STE 800 has been designed to be used wherever increased concrete strength at both early and late ages is sought. This is particularly applicable where embodied CO_2 targets necessitate either lowering total cement content, or increasing the proportion of SCMs in the binder system.

Characteristics and Benefits

- Increased strength development at both early and late ages
- Reduced environmental impact through clinker reduction
- Increased durability through higher SCM contents
- Improved cement hydration
- Increased production efficiency through reduced stripping times
- Improved strength safety factor

Properties

Appearance	Brown liquid
Specific gravity @ 20°C	1.088 ± 0.020 g/cm^3
Chloride Content	No added chlorides

Quantity to Use

The recommended dosage rate of **Master X-Seed STE 800** is 0.5 to 2.5 litres per 100 kg of cement. It is strongly recommended that trials be performed to identify the correct dosage rate for optimal concrete performance.
The dosage rates given above are for typical usages, they are not meant as absolute limits, as other dosages may be utilised in special cases according to specific job conditions. If required consult your local Master Builders Solutions Technical Sales Representative.

Application

Master X-Seed STE 800 is a ready-to-use liquid admixture to be added to the concrete during the mixing process. Enough mixing time to secure homogeneous dispersion should be provided.

Compatability

Master X-Seed STE 800 is compatible with all Master Builders Solutions water-reducers, mid-range water-reducers, high-range water-reducers, set retarders, and accelerators.

Packaging

Master X-Seed STE 800 is available in bulk, 1000 litre IBCs and 20 litre cubes.

Storage & Shelf Life

Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight. Store protected against freezing.
Master X-Seed STE 800 has a shelf life of 12 months.

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Precautions

For the full health and safety hazard information and how to safely handle and use this product, make sure that you obtain a copy of the Safety Data Sheet (SDS) from our office or website.

Disclaimer

Master X-Seed-STE-800-ANZ-V1-112025

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