OPUS CONSTRUCTION PRODUCT DATA

EASYFLOW R

Description

Opus Easyflow R is an economical normal range water reducer based upon modified lignosulphonate. It is designed to improve the workability of concrete with minimal effects on other properties. Opus Easyflow R if used correctly can achieve water reductions of up to 16%.

Applications

Opus Easyflow R is used to improve the workability of the concrete if the water content is maintained resulting in minimal effect on strength. If the water content is reduced the flow can be maintained and a significant increase in strength can be achieved.

Advantages

- Increased early and final strengths
- Reduced shrinkage
- Reduced permeability
- Increased density
- Reduced segregation and bleeding
- Flexible addition rates

Properties

Nature	Liquid
Colour	Dark Brown
Specific Gravity	1.12 g/cm^3
pH	6.50
Chloride Content	<0.10%
Na2O equivalent	<1.00%

Addition Rates

Dosage rates vary dependant on mix design, process, aggregate type and the desired effect but typically:

200mls - 800mls per 100 kg cement
(0.20% - 0.80% by weight of cement)

Compatibility

Opus Easyflow R is compatible with all Portland cement systems, including GGBS, Pfa and limestone blends. Opus Easyflow R is compatible with all Oscrete admixtures, but should be added to the mix separately.

Storage

Opus Easyflow R should be protected from extreme temperatures and if stored unopened within the range 5°C - 30°C will have a minimum shelf life of 12 months.

Handling

Opus Easyflow R is a non hazardous product but in line with normal handling procedures, personal protective equipment should be worn. Refer to the Material Safety Data Sheet for full details.

Packaging

1000 litre IBCs, 205 litre drums & 20 litre containers.

Notes

Opus Easyflow R should be added with the water or at the end of the mixing process and not directly onto the cement. A mixing time of at least 30 seconds is recommended after the addition of the admixture. If frozen Opus Easyflow R may be used after thawing slowly at room temperature followed by intensive remixing.

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