

Description

rbs Flow Plasticiser is an economical high performance water reducer based upon polycarboxylate ether, it is designed to improve the workability of the concrete with minimal effects on other properties. If used correctly rbs Flow Plasticiser can achieve water reductions above 20%.

Uses

rbs Flow Plasticiser 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.

Benefits in Concrete

- Increased early and final strength.
- Reduced shrinkage.
- Reduced permeability.
- Increased density.
- Reduced segregation and bleeding.

Technical Data

Nature	Liquid
Colour	Dark brown
Specific Gravity	1.12 g/cm ³
pH	6.50
Chloride Content	<0.10%
Na ₂ O Equivalent	<1.00%

Additional Rates

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

200mls - 1200mls per 100 kg cement
(0.20% - 1.20% by weight of cement)

The correct dosage for the material package used should be determined by laboratory trials, please contact the rbs Technical department for further advice.

Standards

rbs Flow Plasticiser complies with the requirements of BS EN 934-2 and is produced in accordance with the ISO 9001 Quality Management Standard and the ISO 14001 Environmental Management Standard.

Compatibility

rbs Flow Plasticiser is compatible with all types of EN 197 cement systems. rbs Flow should not be pre-mixed with other admixtures and should be batched separately.

Storage

rbs Flow Plasticiser should be stored undercover and protected from extreme temperatures, if stored unopened within the range 5°C and 30°C the product will have a minimum shelf life of 12 months.

Packaging & Handling

5, 20, 25, 210 litre drums and 1000 litre IBCs. Please refer to the rbs Flow Plasticiser Material Safety Data Sheet but in line with normal handling procedures, personal protective equipment should be worn.

Important Note

Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company. It is the responsibility of the customer to satisfy himself that each product is fit for the purpose for which he intends to use it, that the actual conditions of use are suitable, and that in the light of our continual research and development programme the information relating to each product has not been superseded

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For more information on the Resapol Foundation, please visit our website at www.resapol.com.

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