

Muraplast 120 S

Properties

- Superplasticizer for site, precast and pre-fabricated concrete
- High quality concrete with high early strength
- Minimizes vibration time to achieve full compaction
- High-workability

Advantages

Muraplast 120 S provides the following benefits:

- Substantial improvements in workability without increased water or the risk of segregation.
- Produces high early strength concrete.
- Improves concrete density and surface finish.

Application

General

Muraplast 120 S is a superplasticizing concrete admixture based on modified naphthalene salts in an aqueous solution. Muraplast 120 S can be used either to produce "flowing concrete" or enable large water reductions.

When used in ready-mix concrete additional dosage at site in order to increase the workability is possible without being detrimental to the wet or hardened properties of the concrete.

Application

In order to obtain the best results Muraplast 120 S must be used in mixes, specially designed for the particular requirements of strength, workability, hardened properties and costs. For maximum dispersion Muraplast 120 S should be added with the gauging water; under no circumstances should it be added to the dry cement.

Dosage

The dosage is determined by the workability and flow effect required. Generally, it ranges between 0.5 to 2.0% by weight of cement.

Compatibility

Muraplast 120 S is compatible with all cements and cement replacements. Do not mix with other admixtures without first consulting MC-Bauchemie.

Technical Data for Muraplast 120 S

Characteristic	Unit	*Value	Comments
Specific Gravity		1.165 ± 0.03	
Recommended Dosage	litres	0.7 – 1.5	per 100 kg cement

Product Characteristics for Muraplast 120 S

Type of Admixture	Concrete Superplasticizer, chloride free
Complies to	BS5075 Pt3, ASTM C494 Type F
Form	Liquid
Delivery	205 litres drum Bulk delivery
Storage	Can be stored in cool and dry conditions for 12 months in original unopened packs. Protect from direct sunlight and frost!
Disposal	In the interest of the environment, please empty all packs completely & in accordance with local regulations.

* All technical values relate to temperatures of +20°C and 50% relative humidity

Safety Advice

This product does not contain any hazardous substances requiring labeling. It is safe for use with standard precautions followed in the construction industry. Such as use of hand gloves, safety goggles etc.

For detailed Health and Safety and Environment Information please refer to the product Material Safety Data Sheet.

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 06/09. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.