

POLIFLUID-SA/3



Super-fluidifying based on acrylic polymers

DESCRIPTION:

POLIFLUID-SA/3 is new generation super-fluidifying based on modified polycarboxylates, particularly recommended for specific for screeds, lowered screeds, ready-mix concrete and civil construction sites. It is intended to create a strong reduction of water (> 20 %) and/or an increase in the workability of concrete. It allows to make concrete with a long workability retention without counterproductive setting delays. Its use is particularly indicated for realization durable works in relation to the prescriptions and exposure classes required by the UNI EN 206 standard.

CONFORMITY:

In accordance with UNI EN 934-2:2009 and UNI EN 934-3:2009 Norm.

INSTRUCTIONS FOR USE:

It is possible to add the additive together with the mixing water or directly to the already mixed concrete with 80 - 90% of the mixing water. Mixing times are compatible with the mixers usually installed at the prefabrication plants.

FIELD OF EMPLOYMENT:

- All type of cement (in accordance with UNI EN 197/1 Norm)
- Long workability concretes
- Ready-mix concrete
- High performance concrete
- Plastic or fluid concretes
- Concrete for paving in hot climates.

DOSES:

The recommended dosage range is between 0.8 and 1.2% on the weight of the cement in relation to the desired workability. Higher dosages allow the production of superfluid concrete with very high mechanical strength with a / c ratios lower than 0.4. In case of SCC concrete, the dosages indicated above must be related to the quantity of powders (cement, fly ash or filler, passing through the sieve aggregates 0.125 mm).

The maximum effectiveness of POLIFLUID-SA / 3 is determined after on-site tests, taking into account the rheological characteristics and the mechanical strength required for the concrete.

CARACTERISTICS:

| | |
|---------------------------|-------------------------------|
| Appearance | liquid |
| Colour | colour amber |
| Effettive component | polycarboxylate ether |
| Miscibility | in water, in all relation |
| Density at @ 20 °C | 1,04 ± 0,02 g/cm ³ |
| pH at @ 20 °C | 7,0 ± 0,5 |
| Dry leftover | 15 ± 0,5 % |
| Chloride content | < 0,10 % |
| Equivalent alkali content | < 3 % |
| Operating temperature | from +1 °C |



STORAGE:

Store away from frost and strong sunlight. In case of frost, the product will maintain its properties unaltered. Effective agitation is necessary until a totally homogeneous product is obtained.

Duration of the product: 9 months.

PACKAGES:

Plastic tanks 5 – 10 kg.

Metal containers 220 kg.

Big 1050 Kg.

SECURITY:

POLIFLUID-SA/3 is not classified. It is recommended to use the Personal Protective Equipment. The safety data sheet is available on request.

Informations contained in this present data are based on our current knowledge and experience. They can not under any circumstances imply a guarantee by FACOT CHEMICALS S.r.l, nor responsibility for the use of the product, as the conditions of use are not under our control. Before using the product, it is recommended to carry out practical tests that confirm its suitability for the intended use, in the actual operating conditions. Our Technical Service is at your disposal to help you to solve your problems. We reserve the right to change technical features, descriptions and illustrations at any time.

N.B. PRODUCT ONLY FOR PROFESSIONAL USE

Last update: 18.04.2023



PRODOTTI CHIMICI E TECNICI - CHEMICAL AND TECHNICAL PRODUCTS

FACOT CHEMICALS Srl -Via Crema 44, 26010 Capralba CR, Italy -Tel. +39 0373450642 - info@facot.it - www.facotchemicals.com



CHEMISTRY IN ACTION