

PORPLAST - 1

Description

- It is a mixture of **lignosulfonates** and **surfactants**.
- It acts in a complex way.
- It has liquefying and plasticizing properties.
- It can be used with cement with a large amount of pozzolanic additives and ash.
- It reduces water in formulations from **2% to 5%**.
- It has the ability to reduce the binders (cement + lime) by about 10%.
- It improves the rheological properties of the blend with reduced tendency to ingredients' agglomeration.
- No effect on the time from pouring to mass cutting (without binder reduction).
- It slightly lengthen the time from pouring to mass cutting (with binder reduction).
- Reduce manufacturing defects: glueing, thermal splits, corners damage.

How to use

- Dosing: from **0,1% to 0,3%** additive to mass of dry components.
- It is a completely water - soluble additive.

Comments

- Protect from sunlight.
- Expiry date: 12 months.
- It is a safe product. Detailed information on hygiene and safety measures can be found in the Safety Data Sheet.

General characteristics

- Physical state: homogeneous liquid
- Colour: dark brown
- Odour: characteristic
- Density: $1,22 \pm 0,02 \text{ g/cm}^3$
- pH: 5,0 – 6,0
- Content of dry components: $45 \% \pm 2\%$
- Viscosity
- Content of alkalis: $\text{Na}_2\text{O} \leq 0,03\%$
- Content of chloride ions $\leq 0,10\%$

Package:

- Barrel: 120 l
- Container: 1000 l
- Cistern: 24000 l

