

SIDER

OXYFLUID

OXYDRO



Description

OxyFluid is designed for use in ready mix concrete by enhancing the fluidity characteristics and increasing the plasticity of the concrete mix while at the same time, reducing the need for water in the mix.

Use

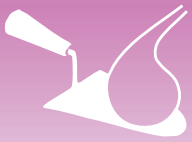
OxyFluid is compatible with all cements. OxyFluid uses itself as fluidity in the concrete mix in order to improve the workability characteristics of the finished concrete. OxyFluid transforms a standard concrete mix, 1.96" - 2.75" (5 cm - 7 cm) cone into a fluid concrete mix, 6" - 7.9" (15 cm - 20 cm), while preserving all resistant properties of the concrete. The concrete mix obtained with the use of OxyFluid allows the concrete to fill the most intricate forms, molds, around iron beams and railings.

OxyFluid is recommended for:

- ↵ Floors
- ↵ Beams
- ↵ Posts
- ↵ Aprons of bridges

Used as a plasticizer, OxyFluid is an excellent water consumption reducer improving the set up time for the concrete, increasing the concrete resistance by 20 % while reducing water consumption by approximately 10 %.

OxyFluid is highly recommended for use in prefabricated concrete.

**SIDER****OXYFLUID****OXYDRO***CONTINUED***Properties**

The use of OxyFluid results in water reduction that in some results, improve the characteristics of the concrete from the fresh state and to the hardened state.

OxyFluid permits:

- ↪ The increased fluidity of concrete and therefore facilitates the set up time of the concrete mix
- ↪ Accelerates the curing time for the concrete mix
- ↪ Increases the mechanical resistances and diminishes the permeability of the concrete finished surface

Characteristics

Density 1.19

Mixing Instructions and Application Procedures

Add the Oxyfluid to the concrete mix at the beginning of the mixing process. Mix for 2 to 5 minutes to achieve an even plasticity and homogeneous mix. Reduce the amount of water called for by the mix by approximately 10 %

Precautions

Use gloves and goggles during mixing and application of concrete.
Use in a well-ventilated area.

Dosage

.5 % to 1.5 % parts per cement, according to the desired results.

Packaging

5 gallon (20 liter) pails.
55 gallon (210 liter) drums.

Storage & Shelf Life

Shelter in a dry environment from direct sunlight, extreme heat, rain and freezing. Shelf life is one year in original sealed packaging.

Sider-Oxydro products are specifically formulated and designed to meet and exceed industry standards. Please refer to technical data sheets for specific installation instructions or contact Sider-Oxydro for application questions.