



SIDER-OXYDRO, INC.

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OXY-COLD

The Ultimate Concrete, Masonry, Stucco & Plaster Admixture

Description:

Oxy-Cold is a non-chloride based, ready-to-use concrete, masonry, mortar & plaster admixture designed to reduce the working time and allow installation in cold weather environments.

Use:

Oxy-Cold is especially useful for:

- ☞ Increasing cement cure rates in cold weather in concrete, mortars and plaster
- ☞ Concrete mix used for forming prefabricated concrete

Limitations:

Do not use with partially set or frozen concrete, mortars and plaster

Do not under- or over-use the correct mixture ratio of **Oxy-Cold** with cement to achieve desired results.

Do not apply during periods of high winds.

Properties:

Oxy-Cold allows for:

- ☞ Use of concrete, mortars and plaster in cold weather conditions
- ☞ Can be used in concrete and mortars used for temperatures ranging down to 17.6 ° F (-8 ° C)
- ☞ Accelerates the curing of concrete, mortars and plaster under normal temperature ranges
- ☞ Increases productivity
- ☞ Can be use in cold or hot temperatures.

Characteristics:

Liquid	Clear
Density	1.50
pH	5.5

The addition of the **Oxy-Cold** admixture increases the use of concrete, mortars and plaster in typical temperature ranges by as much as 50%.

Mixing Instruction and Application

Procedures:

Follow the standard mixing procedures of the concrete; mortars and plaster mix in a standard batch mixer. Add **Oxy-Cold** from 1.5% to 3% by weight of cement (in the concrete, mortars and plaster), for desired results during the mixing of the concrete, mortars and plaster.

Mix until a homogeneous blend is achieved and use the concrete, mortars and plaster within 30 minutes after mixing.

Precautions:

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

Dosage:

1.5% to 3% parts by weight of the cement in the mix.

Example Dosage: (Listed in fluid ounces-oz)

Per 94 lb. Bag of Cement: 1.5 % = 15 oz. of **Oxy-Cold**
3.0 % = 30 oz. of **Oxy-Cold**

Per 80 lb. Bag of Monobase BC : 1.5 % = 5 oz. of **Oxy-Cold**
3.0 % = 10 oz. of **Oxy-Cold**

Per 66 lb Bag of Monosideral: 1.5 % = 1.8 oz. of **Oxy-Cold**
3.0 % = 3.6 oz. of **Oxy-Cold**

Per 55 lb Bag of Pool: 1.5 % = 3.6 oz. of **Oxy-Cold**
3.0 % = 7.2 oz. of **Oxy-Cold**

Per 55 lb Bag of Sider-Mortar AAC: 1.5 % = 2.4 oz. of **Oxy-Cold**
3.0 % = 4.8 oz. of **Oxy-Cold**

Packaging:

CUSTOM DOSAGE AVAILBLE

5 gallons (60 lbs.) pails (27.2 kg. / 19 liters)

55 gallons (660 lbs.) drum (300 kg. / 208 liters)

Storage & Shelf-life:

Shelter in a dry environment from direct sunlight, extreme heat, rain and freezing.
Shelf-life is six months 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

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