



**SIDER-CRETE, INC.**

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# OXY-PLASTAIR

## THE READY-TO-USE, PLASTICIZING & AIR-ENTRAINING ADMIXTURE FOR CONCRETE

### 1.0 DESCRIPTION

#### 1.1 General

**Oxy-Plastair** is a ready-to-use, chlorine-free, air-entraining admixture for concrete featuring the benefits of plasticity functionality. **Oxy-Plastair** is used to aid workability to the mix while providing protection against freezing and thawing. This product will increase concrete properties, aid workability and placeability, minimize segregation and bleeding, eliminate scaling, and improve resistance against freezing and thawing cycles.

#### 1.2 Properties

The use of **Oxy-Plastair**, and the reduction of water necessary for the mix resulting from its use, improves the concrete during the initial stages of installation and after its complete cure. It also allows:

- Eases concrete installation due to its plasticizing properties
- Improves the thixotropic properties of the concrete
- Diminishes the possibility of segregation
- Improves concrete resistance to freeze/thaw cycles
- Improves the water resistance properties of the concrete
- Diminishes the appearance of hairline cracks

### 2.0 MIXING INSTRUCTIONS

2.0 Pre-measure **Oxy-Plastair** to a ratio of 0.03 % to cement in the mix.

Example Dosage:

Per 94 lb. Bag of Cement: 0.03 % = 0.50 liquid ounces of **Oxy-Plastair**

### **3.0 MISCELLANEOUS**

#### **3.1 Packaging**

5 gallon (18.9 liter) pail containing 1,200 doses.

#### **3.2 Coverage**

0.03 % (0.50 liquid ounces) per 94 lb. bag of cement

#### **3.3 Storage and shelf life**

Shelter in a dry environment and away from extreme heat, direct sunlight, rain and freezing. Shelf life is 6 months in the original sealed packaging, properly sheltered.

#### **3.4 Commercial name**

##### **OXY-PLASTAIR**

*And now, enjoy using OXY-PLASTAIR and benefit from this revolutionary technology developed by Sider-Crete, Inc., innovative leaders in the construction industry since 1937.*

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