



## Rapid Set® Eisenwall® — DATASHEET

### Premium Cement for Exterior Plastering

#### PRODUCT DESCRIPTION:

EISENWALL® Cement is a proprietary hydraulic cement mixture used in plaster and stucco applications where very High-Strength, low shrinkage, and superior durability is desired.

EISENWALL® Cement is formulated using Rapid Set® Cement technology.

#### USES:

Ideal for plaster and stucco on high quality commercial and residential building projects. Use for schools, shopping centers, custom homes and other projects where long term durability and superior crack resistance is needed. Use on plaster projects where fast turnaround is critical.

EISENWALL® Cement can be applied as the scratch and brown coats in conventional 3-coat plaster applications, or as the base-coat in one coat stucco applications. Plaster made with EISENWALL® Cement can be applied by hand or by machine. EISENWALL® Complies with ICC/ICBO Report #5102. A 3 to 1 sand to cement ratio is recommended. Framing details for building construction using EISENWALL® plaster should follow conventional methods described in local building codes such as UBC Chapter 25.

#### PHYSICAL PROPERTIES:

- ASTM C109 (Mod.)  
Compressive Strength, psi  
1.5-hr: 0  
6-hr: 1000  
24-hr: 2000  
28-day: 3500

AIR CONTENT: 18% (minimum)

- ASTM C109 (Mod.)  
Set Time (minimum)  
Initial Set 90-minutes  
Final Set 150-minutes

#### MIX & APPLY:

A trial batch is recommended to optimize plaster performance. For small projects, start with one 88-lb bag of EISENWALL® Cement, 18 to 24 shovels (size #2) of plaster sand, and 4 to 6-gal. of potable water. Water demand will vary depending on the moisture in the sand. Bring the mix to desired working consistency. Mix for about 5 minutes.

Mix, apply and finish the plaster quickly. The working time of plaster made with EISENWALL® Cement is approximately 60 minutes at 70°F (21°C). It is important that the plastering operation be organized within this time limitation.

The working time may be extended by using cold materials or by adding Rapid Set® Set Control® to the mixing water. Concrete additives are available from the Concrete Pharmacy®. For more details, contact CTS.

**CURING:**

Begin water curing immediately after final finishing. Mist spray curing for at least 90 minutes is required until material cannot be easily scratched with a nail. After water curing is complete the color coat may be applied.

**YIELD & PACKAGING:**

EISENWALL® Cement is available through distributors in 88-lb polyethylene lined bags. Each 88-lb bag yields about 5 sq. yd. at 3/4-in thickness.

**TECHNICAL SUPPORT:**

CTS offers comprehensive customer support. Specification consulting, mix design support, and jobsite servicing are available.

**LIMITED WARRANTY:**

CTS Cement Manufacturing Corporation (CTS) warrants its materials to be of good quality, and at its sole option, within one year of sale, will replace defective materials or refund the purchase price thereof and such replacement or refund shall be the limit of CTS's responsibility. Except for the foregoing, all warranties, express or implied including merchantability and fitness for a particular purpose are excluded. CTS shall not be liable for any consequential, incidental, or special damages arising directly or indirectly from the use of the material.