



Rapid Set® Stucco Mix — DATASHEET

Premium Pre-Mixed Stucco Material

DESCRIPTION:

Rapid Set® Stucco Mix is a premium blend of Rapid Set® Cement, quality plaster sand, and high performance additives. Stucco Mix is used in exterior plastering applications where accelerated set times, higher strength, superior durability, minimal shrinkage, and reduced cracking are desired. Stucco Mix can be scratched, browned (or applied in one coat to ¾"), and color coated in one day. Stucco Mix is similar in appearance to portland cement plaster and may be applied using similar methods. The following performance can be expected from Rapid Set® Stucco Mix.

COMPRESSIVE STRENGTH:

- 6-hour*: 1500 psi
- 24-hour: 2500 psi
- 28-day: 4000 psi

* = Time Measured After Final Set

MIXING AND PLACEMENT:

Framing details for building construction using Rapid Set® Stucco Mix should follow conventional methods described in UBC Chapter 25. Complies with ICBO Report #5102. See CTS specification and application guidelines, available at www.rapidset.com.

MIXING:

Mix Stucco Mix in a mortar mixer or with a drill mounted mixer. Rapid Set® Stucco Mix can be mixed using 2.0 to 3.4 quart of water per 50-lb bag. Place the desired quantity of mix water into the mixing container. While the mixer is running add Rapid Set® Stucco Mix. Mix for 3 to 5 minutes, or until a uniform, lump-free consistency is achieved. Do NOT retemper. CAUTION: Do NOT add portland cement, lime, or any other admixtures unless approved by Rapid Set®.

YIELD:

One 50-lb bag of Rapid Set® Stucco Mix will cover approximately 7.0 square feet at ¾ in. thickness. Yields 0.45 cubic feet per 50-lb bag.

APPLICATION:

Stucco Mix is applied in much the same way as portland cement-based plaster, and can be applied by hand or machine. Stucco Mix can be scratched, browned (or applied in one coat to ¾"), and color coated in one day. Do NOT apply brown coat until scratch coat has achieved sufficient strength to resist application pressure. One hour after moist curing is complete (see below), color coat can be applied.

CURING:

Water cure Stucco Mix installations by misting the plaster surface with clean water to maintain its wet sheen, until the material is hard and cannot be easily scratched with a nail (minimum 90 minutes). Cold weather or extended setting times will increase the required curing time. The objective of water

curing shall be to maintain a continuously wet surface until the product has achieved sufficient strength.

TEMPERATURE:

Warm environmental and material temperatures will reduce the working time of Stucco Mix. In warm weather, or to extend the setting time, add Rapid Set® Set Control® packets to the mixing water. Temperatures below 70F (21C) will decrease the rate of strength gain and Stucco Mix should not be applied if surface or ambient temperature is below 45F (7.2C).

LIMITED WARRANTY:

CTS Cement Manufacturing Corporation 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.

CAUTION:

Rapid Set® Stucco Mix contains cementitious materials and may cause irritation to lungs, eyes, and skin. Avoid contact. Use only in adequate ventilation. Do NOT breathe dust. Wet mixture may cause burns. Wear suitable gloves, eye protection and protective clothing. In case of skin contact, wash thoroughly with soap and water. In case of eye contact, flush immediately and repeatedly with large quantities of water and get prompt medical attention. In case of difficulty breathing, remove person to fresh air. If difficulty breathing persists, seek medical attention.

Manufacturer:

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