

# CertainTeed

## Lightweight Setting Compound

### Product Data and Submittal

#### Product Description

CertainTeed Sandable Setting Compounds are lightweight sandable setting powders used to prefill joints, embed joint tape and conceal joints, fasteners and trim accessories on gypsum wallboard. They can also be used for interior patching and repair. They are ideal for heavy fills because they are specially formulated to harden with very little shrinkage in a prescribed time frame. Setting times are available from 5 minutes to 210 minutes. CertainTeed Ready-Mixed Joint Compounds should be used for finishing.

**CertainTeed Lite Sand PLUS 5**  
**CertainTeed Lite Sand PLUS 20**  
**CertainTeed Lite Sand PLUS 45**  
**CertainTeed Lite Sand PLUS 90**  
**CertainTeed M2Tech® 90**  
**CertainTeed Lite Sand PLUS 210**

CertainTeed M2Tech® 90 Setting Compound is formulated to resist moisture and mold. It is a necessary component for a complete M2Tech moisture and mold resistant system.

#### Product Data

**Color:** Off-White

**Packaging:** 18 lb (8.1 kg)

**Coverage:** Approximate coverage is 55 lb (25 kg) of powder per 1000 ft<sup>2</sup> (93 m<sup>2</sup>) of drywall panel.

**Storage:** Rotate stock to avoid aging problems. Use within 60 days of delivery. Store in a dry place.

**Shelf life:** 6 months from production code date, when stored properly.

**Technical References:** For additional information on the application and finishing of Joint Compounds please consult:

- ASTM C475: Standard Specification for Joint Compound and Joint Tape for Finishing Gypsum Board.
- ASTM C840: Standard Specification for Application and Finishing of Gypsum Board.
- GA-214: Gypsum Association publication "Levels of Gypsum Board Finish."
- GA-216: Gypsum Association publication "Recommended Specifications for the Application and Finishing of Gypsum Board."

#### Working with the Product

##### Site Conditions

The room temperature should be maintained at 50°F (10°C) for 48 hours prior to application and continuously thereafter until completely dry.

Continuous ventilation must be provided to ensure proper drying. When using temporary heating, care should be taken to avoid overheating and high humidity.

##### Joint Finishing

Wallboard joints are normally finished using three coats of compound; the first to embed the tape; the second to cover the tape, and the third to finish the joint. CertainTeed sandable Setting-Type Compound can be used for the first and second coats. Although the third coat is typically done with a ready-mix product, the Sandable Setting-Type Compounds can be used as well, **providing a good quality primer/sealer is used prior to final decoration.**

For best results, this product should be used with CertainTeed FibaFuse® fiberglass tape.

Apply the first coat to the joint in a band about 2-1/2" (64 mm) wide. Center FibaFuse® tape over joint and embed with a broad knife.

Continued on back

Job Name

Contractor

Date

Products Specified:

Submittal Approvals  
(Stamps or Signatures)

**CertainTeed**  
SAINT-GOBAIN

## Setting Times

Setting Compounds	Setting Times (Minutes)
Lite Sand PLUS 5.....	5-10
Lite Sand PLUS 20.....	20-30
Lite Sand PLUS 45.....	45-55
Lite Sand PLUS 90.....	85-110
M2Tech 90.....	85-110
Lite Sand PLUS 210.....	180-240

Apply second coat, feathering it 2" (50 mm) beyond first coat. Allow to dry as above.

Apply two coats of compound to depressions made by fasteners and to corner beads and other trim accessories. Allow to dry as above between coats.

*Note: Apply third coat to joints, fasteners depressions, corner beads and other trim accessories using CertainTeed Ready-Mixed Drywall All-Purpose Compound.*

## Sanding

Allow to dry for 24 hours before sanding. Use 120 grit sandpaper and a hand or pole sander. Do not sand the surface of the wallboard paper.

## Decorating

For best results, apply a primer-sealer prior to painting or wallpapering.

*Note: For severe lighting conditions, or if a gloss paint is to be applied as the finish coat, it is recommended that the entire surface of the wallboard receive a skim coat of compound before applying the primer-sealer. This will assist in equalizing the rate of absorption of the gloss paint and help to avoid flashing at the joints.*

## Mixing

1. Mix only as much compound as can be applied with the indicated time frames.

2. To prepare contents of an 18 lb (8.1 kg) bag, pour approximately 14 pints (6 L) of clean, cold water into a clean pail of suitable size.

To prepare contents of an 24.25 lb (11 kg) bag, pour approximately 1.7 gal (6.5 L) of clean, cold water into a clean pail of suitable size.

3. Add compound to water. Do not stir too vigorously, or too long. Excessive mixing shortens the working time. Adjust with water to desired consistency. The correct consistency is a smooth creamy mixture.

## Drying time

When compound first hardens, it remains wet inside. Wait 24 hours before painting or until dry.

## Warning

Causes serious eye irritation. Wash hands and exposed skin thoroughly after handling. Wear eye protection (safety goggles) and protective gloves. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Dust generated from sanding product may cause eye, skin, nose, throat or respiratory irritation. Use wet-sanding to avoid creating dust. Avoid inhalation of dust and eye contact. This product contains Crystalline Silica below 0.1%. Inhalation of respirable silica dust can cause silicosis, a potentially disabling lung disease known to cause lung cancer. When sanding, drilling or abrading product during installation or handling:

- (1) Ensure adequate ventilation.

(2) Wear a dust mask or, if dust may exceed PEL, use NIOSH/MSHA approved respirator. (3) Warn others in the area.

For further information, refer to Safety Data Sheet or consult manufacturer by calling 1-800-327-7455.

**KEEP OUT OF REACH OF CHILDREN.**

## Warranty

Since methods and condition of application such as temperature, humidity and over thinning are beyond our control, CertainTeed Gypsum, Inc. (CertainTeed) will not be responsible for the failure of this Product when the Product is not used according to directions and specifications and accepted standards of procedure inherent in drywall application; or when reasonable allowance is not made by the user for adverse weather and job conditions. However, if this product proves to be defective, maximum liability shall be limited to replacement of the material only or refund of the purchase price. This shall be the full limit whatsoever of CertainTeed's liability. All claims shall be submitted in writing to CertainTeed within thirty days from the date of discovery. Provincial or Federal laws may provide rights in addition to this warranty that cannot be modified or excluded.



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