

## Rapid Joint® Setting Compound

### Product Data and Submittal

#### Product Description

CertainTeed Rapid Joint® 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 20 minutes to 210 minutes. CertainTeed Rapid Coat® Ready-Mix Compounds should be used for the final coat in finishing the drywall.

**CertainTeed Rapid Joint® 20**  
**CertainTeed Rapid Joint® 45**  
**CertainTeed Rapid Joint® 90**  
**CertainTeed Rapid Joint® 210**

#### 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:** 12 months from the production code date is to be expected, when properly stored in a dry location. Product may perform fine past this time frame, however a decrease in set times may be experienced.

**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. This product

chemically sets close to the minutes indicated on the bag. Actual set times do vary slightly. Please refer to the Setting Time section for the set time ranges. It is not dry at this point but may be worked upon to complete the drywall smoothing stage. However eventually the joints must be completely dry before continuing to the final decoration step.

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.**

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Job Name

Contractor

Date

Products Specified:

Submittal Approvals  
(Stamps or Signatures)

**CertainTeed**  
SAINT-GOBAIN

## Setting Times

Setting Compounds	Setting Times (Minutes)
Rapid Joint .....	20 - 35
Rapid Joint .....	30 - 60
Rapid Joint .....	60 - 120
Rapid Joint .....	180 - 300

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 Rapid Coat® Ready-Mix Joint Compound.*

## Sanding

Allow to dry for 24 hours before sanding. Sanding prior to drying will lead to plugged sandpaper. Often the first and second coats are "knifed" where only the high points are removed with a 6" knife to allow for the application of the final ready mix top coat sooner. 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 ready mix 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. Material that has hardened from previous mixes, if allowed to intermix with new batches will accelerate the set time of the future mix.
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.

## SDS

SDS Safety Data Sheets are available on our website, [www.CertainTeed.com](http://www.CertainTeed.com).

## Drying time

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

## 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 800-233-8990.

## 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.



## CertainTeed

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