

PROFESSIONAL GRADE



# SKIM COAT

• FAST CURING • HIGH BOND • FEATHER-EDGE FINISH • CEMENT BASED  
For Patching, Skim Coating, and Underlayment Projects



### **Versatile**

Apply Feather-Edge to 1"  
Bonds to Many Surfaces

### **Reduce Downtime**

Ready for Floor Coverings in  
1-Hour. Coat or Seal in 16-hours

### **Indoor/Outdoor**

Durable in Dry and Wet Areas

### **Mold Resistant**

Resists Mold and Mildew Growth

### **Easy to Use**

Just add water. No primers  
required. No curing required.



# Rapid Set®



# SKIM COAT

For Patching, Skim Coating, and Underlayment Projects

## Rapid Set® Skim Coat

For Patching, Skim Coating, and Underlayment Projects

### MANUFACTURER:

CTS Cement Manufacturing Corp.  
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Cypress, CA 90630  
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Web: [www.rapidset.com](http://www.rapidset.com)  
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### DESCRIPTION:

Rapid Set® Skim Coat is a high bond strength, fast curing, smooth (unsanded), hydraulic cement based material used for floor underlayments, concrete repairs, patching and skim coating on interior and exterior projects. Apply and finish from feather-edge to 1".

### APPLICATIONS:

Use Rapid Set® Skim Coat to repair, level and smooth concrete substrates prior to the installation of floor coverings such as VCT, sheet vinyl, carpet, tile, pavers, epoxy toppings and other coatings. Most Floor coverings can be installed over Rapid Set® Skim Coat in 1-hour. Coatings and epoxy toppings can be applied over Rapid Set® Skim Coat in 16-hours. Please comply with instructions from the floor covering manufacturer regarding allowable substrate moisture and moisture testing.

### PRODUCT ADVANTAGES:

- Excellent bond strength
- Apply feather edge to 1"
- Top with flooring 1-hour
- Top with epoxy in 16-hours
- Workable for 20-minutes
- Mold and mildew resistant
- No primer required
- No curing compound required
- Easy to use – just add water
- Hydraulic cement based

### PHYSICAL PROPERTIES:

Setting Time [ASTM C-191]

Initial Set @ 70°F (21°C) – 25 minutes  
Final Set @ 70°F (21°C) – 40 minutes

Compressive Strength [ASTM C-109 (mod.)]

3 hrs: 1000 psi  
24 hrs: 1500 psi  
7 day: 2000 psi  
28 day: 3000 psi

### SURFACE PREPARATION:

Bonding surfaces must be clean, sound, and free from any materials that may inhibit bond such as oil, dirt, asphalt, sealing compounds, acids, wax, and loose debris. Do not use acid etching, solvents, or adhesive removers as means of cleaning the substrate. Smooth concrete surfaces should be mechanically abraded by scarifying, grinding, shot-blasting or other approved methods. The minimum temperature for the substrate must be 50°F (10°C). In hot ambient temperatures, pre-wet the substrate with water before applying Rapid Set® Skim Coat. Concrete substrates should be free of hydrostatic pressure.

### FIELD TESTS:

Conduct field tests using the prepared substrate and finished floor covering to determine if Rapid Set® Skim Coat is suitable for your intended use.

### MIX:

Mix using a 1/2" drill mixer with a mixing paddle, or a margin trowel for small jobs. **Use 4 quarts of clean water per 20-lb bag.** First add the water to mixing container, then add the dry Rapid Set® Skim Coat. Mix for 2 to 3 minutes. Do not add additional water after initial mixing. Adding more water than recommended may induce clumps and air voids in the finished product.

Do not add any additives or admixtures except Rapid Set® Set Control® retarding admixture to extend working time and Flow Control® to increase the flow of the product. Contact CTS Cement for more information about the use of these additives.

### PLACING:

After mixing, screed, trowel and/or float to achieve the desired finish. The working time of Rapid Set® Skim Coat is approximately 15-20 minutes at 70°F (21°C) ambient temperature.

### CURE:

Rapid Set® Skim Coat does not require water curing or curing compound.

### COVERAGE & PACKAGING:

Rapid Set® Skim Coat is available in 20-lb (9.1-kg) bags. One 20-lb bag will have skim coat coverage of 66.6 ft<sup>2</sup> at 1/8" depth or 33.4 ft<sup>2</sup> at 1/4" depth. Coverage may vary due to jobsite conditions.

### LIMITED WARRANTY

CTS Cement Manufacturing Corp. warrants its material 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® Skim Coat 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.

Go to [www.rapidset.com](http://www.rapidset.com) for the most current technical information about Rapid Set® Skim Coat and learn more about product uses and performance - high bond, fast curing, smooth (unsanded) finish, feather edge to 1", hydraulic cement based, underlayment, concrete repair and skim coat.