

1. PRODUCT NAME

Rapid Patch® Moldable Concrete Repair

2. MANUFACTURER

TCC Materials®
2025 Centre Pointe Blvd.
Mendota Heights, MN 55120 USA

Phone: 1.651.688.9116
Fax: 1.651.688.9164
Internet: tccmaterials.com

3. PRODUCT DESCRIPTION

Rapid Patch® Moldable Concrete Repair is a fast setting, general purpose cement-based patching material for repairing concrete and masonry. Moldable Concrete Repair is a proprietary blend of Portland cements, aggregate and additives that achieve an initial set in 10–15 minutes; final set in 20–25 minutes. It can be shaved down for a more uniform looking repair after the initial set. Primary applications include drive-ways, walkways, stairs, patios, pool decks, basement floors and garage floors.

Features and Benefits

- Interior and exterior use
- Horizontal, vertical and overhead repairs
- Can be shaped, molded and shaved down to help form applications
- High strength and durability
- For repairs greater than 1/8"
- Can fill holes up to 7" deep in one application
- Once cured, stronger than concrete being repaired

Uses

- Sidewalks and steps
- Driveways
- Walls

SAFETY

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS information is available on our website: tccmaterials.com or contact TCC Materials® at 651-686-9116 (7:30 AM to 4:00 PM M-F, Central US Time).

CAUTIONS

Read complete cautionary information printed on product container prior to use.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered Rapid Patch® brand product (s) under normal environmental and working conditions. Because each project is different, TCC Materials® can be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

4. TECHNICAL DATA

Working Time	
Working Time	5–7 minutes
Initial Set Time	10–15 minutes
Final Set Time	20–25 minutes
Vehicle Traffic	
Vehicle Traffic	24 hours
Compressive Strength (ASTM C109)	
3 hours	1,200 psi
1 day	3,000 psi
7 days	6,000 psi
28 day	9,000 psi

Greater than: > Greater than or equal to: ≥ Less than: < Less than or equal to: ≤
Independent testing lab results @ 70°F (21°C). Test results obtained under controlled laboratory conditions. Reasonable variations can occur due to atmospheric and job site conditions. Water Used: 8.8 oz clean potable water per 3 lb. (1.361 kg) bag (18% water).

Packaging

- 3 lb. bag (1.361 kg)

• Shelf Life

24 months from the date of manufacture when stored in the original, unopened container, away from moisture, under cool, dry conditions and out of direct sunlight.

5. INSTALLATION

Preparation

Prepare the surface by removing all debris, unsound concrete and previous patching material from the area. Dampen the area to be repaired with clean water prior to the application. Do not leave puddles or standing water. Surface temperature must be above 50°F for proper application.

Mixing:

Tear bag open by the notches on the sides. Add 8.8 oz of water per 3 pound bag. DO NOT EXCEED 1 cup of water per 3 pound bag of Moldable Concrete Patch. Squeeze the pouch to remove excess air. Zip the pouch closed and knead the bag for about 3 minutes until a lump-free consistency is achieved. If necessary, mix in a secondary container. Product will set in 10–15 minutes, so mix only amount needed.

Application

Moldable Concrete Repair is suitable for application at temperatures between 50° (10°C) and 100°F (38°C). It can be applied up to ½” thickness to repair horizontal, vertical or overhead concrete. Force the material into the area with a trowel or by hand to secure a complete bond over the entire area to be repaired. Always slightly overfill the target repair area with Moldable Concrete Repair. Allow Moldable Concrete Repair to set for approximately 10–15 minutes; then shave the material to follow the shape of the surrounding surface. Always shave toward the common bonding line between the repair mortar and the existing surface.

Cleaning

Clean tools and equipment with water immediately after use. If the material has begun to harden, clean with warm soapy water.

Coverage

- 1.3 square feet @ ¼” thick per 3 lb. bag

6. AVAILABILITY

To locate TCC Materials® products in your area, please contact:

Phone: 1.651.688.9116
Email: info@tccmaterials.com

7. WARRANTY

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that Seller’s liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

8. MAINTENANCE

Not applicable.

9. TECHNICAL SERVICES

Technical Assistance:

Information is available by calling TCC Materials®
(hours 7:30 AM to 4:00 PM CST):

Phone: 1.651.688.9116
Email: info@tccmaterials.com
Web: tccmaterials.com

To acquire technical and safety literature, please visit our website at: tccmaterials.com.

10. FILING SYSTEM

Division 3

¹ TCC Materials® products can contribute to LEED® credits within the Material Resource, (Recycled Content & Regional Materials) and Indoor Environmental Quality (Low Emitting Materials).



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