Advantages

- Time-controlled hardening properties make it easy to meet the requirements of any project schedule
- Mixes fast and lump-free (in as little as 30 seconds), spreads smoothly and provides a high-strength/low-shrinkage bond
- Feathers beautifully and sands easily to produce a smooth-as-glass finish
- Rapid clean up (just rinse with warm water) and lighter weight make it easy to use
- Approximately 30% lighter than conventional setting compound
- Low shrinkage and exceptionally strong bonding
- Permits same day joint finishing

JOB NAME:

CONTRACTOR:

DATE:

Lightweight Setting-Type Joint Compound

RAPID JOINT®

SETTING COMPOUND

Lafarge Rapid Joint is a chemically-activated setting-type joint compound with time-controlled hardening properties. Available in four set times (20, 45, 90 and 210 minutes) to meet the varied needs of the drywall finishing professional, this adaptable and durable joint compound is excellent for most pre-filling, taping and first or finish coating applications.

Physical Characteristics

Material: May contain calcium carbonate, perlite, mica, clay, synthetic or natural binders, thickeners, and calcium sulfate (gypsum); Asbestos free

Coverage: Approx. 350 ft^2 (32 m^2) per bag

Setting Time: Times to harden vary with type: **Rapid Joint 20** will set in 20 – 35 minutes, **Rapid Joint 45** in 30 – 60 minutes, **Rapid Joint 90** in 60 – 120 minutes and **Rapid Joint 210** in 180-300 minutes. All are thoroughly dry in approx. 24 hours. Setting times will vary with conditions, but cannot be lengthened by addition of water.

IMPORTANT: Maintain minimum working temperature (air, material, water) of 45° F (7° C)

Storage: Keep dry, avoid extreme temperatures, close tightly when not in use; Product has a 18-month shelf-life if protected from moisture (including humidity)

Available Sizes:
BAG: 18 lbs./8.7 kg. net weight

Standards and Codes

Rapid Joint is manufactured to conform to ASTM C 475.

Application

Apply according to Gypsum Association publications GA-214 and GA-216.

LAFARGE
bringing materials to *life*™

Sustainability

Can contribute to the U.S. Green Building Council's LEED Credit Qualification to assist in obtaining LEED certification. Visit www.lafargenorthamerica.com for more details on specific credit contribution and documentation.

Product and Safety Precautions

WARNING: This product contains silica. Prolonged and repeated exposure may cause lung disease.

KEEP OUT OF REACH OF CHILDREN: Not for internal consumption.

- Maintain minimum 45° F (7° C) working temperature (air, material, water)
- Allow compound to harden adequately between coats
- Keep container closed between uses
- Avoid prolonged contact with skin as some constituents can be irritants.
- Wear safety glasses at all times to protect eyes. If eye contact occurs, flush thoroughly with water 10 – 15 minutes
- Wear a NIOSH-approved respirator when sanding or engaging in other dust-producing activity due to potential for dust to exceed exposure limits. Exhaust ventilation may be required during dust-producing activities in areas with poor ventilation.
- Material Safety Data Sheets (MSDS) are available for all Lafarge products upon request.

FSC www.fsc.org MIX Paper from responsible sources FSC® C051259

I CARE FOR OUR SAFETY

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Mixing Directions

To mix entire 18-lb. bag: Place 1.25 – 1.5 U.S. gallons (4.6 – 6.0 L) clean, drinkable water in plastic bucket; add compound to water and mix thoroughly for 30 – 60 seconds. Scrape sides of pail frequently to ensure even mixing and allow to stand 2 – 3 minutes. Mixing may be done by hand or with power drill mixer as long as compound is not over mixed. If necessary, mix another 30 seconds to achieve desired consistency [water may be added in 4-ounce (100 ml) increments].

Note:

- Mix only the amount that can be applied within "working" time (that is, before earliest possible setting time)
- Do not mix with any other product or material
- Dirty water, over mixing or extreme heat can accelerate set time
- Over dilution can reduce bond strength and will NOT delay hardening
- Mixing container and tools must be thoroughly cleaned between uses. Set time will be accelerated should new batches of material come in contact with residue of previous batches.

Pre-filling

Pre-fill imperfections, damaged areas, and large recesses where boards meet. Remove excess material. Allow to harden completely.

Finishing Joints and Corners

Step One: Apply thin layer of compound to tapered joint edge. Press joint tape firmly into compound (for inside corners, center crease tape) and tightly embed with finishing knife. Remove excess material. Apply thin coat over tape, nail/screw dimples, and cornerbeads/trim. For cornerbeads, extend first coat at least 5 in. (125 mm) onto panel. Let harden.

Step Two: Apply second coat over fasteners, joints, and trim, feathering edges approx. 2.5 in. (65 mm) beyond taping coat. For inside corners, allow one side to dry before second-coating the opposite side. Let harden completely.

Cleanup

Rapid Joint washes off easily with warm water. Tools should be dried thoroughly to prevent rusting.

Sanding

Light sanding (150 grit sandpaper or 220 grit mesh cloth or finer) may be done when application is completely dry (approx. 24 hours). Wet sanding is recommended to avoid dust.

Painting and Wallpapering

Painting should not proceed until joint compound is thoroughly dry (See GA-236). For best results, a good quality gypsum board primer should be applied, in accordance with manufacturer's instructions, before painting or wallpapering.

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