

MADA ALL PURPOSE JOINTING COMPOUND

Technical Data Sheet

TDS-JC-R01-Rev1 All Purpose Jointing Compound - June 2022



Advantage



Premium grade, lightweight, all-purpose finishing compound



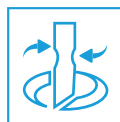
Ideal for all three coatings, or as a finishing coat



Superior workability, easy to apply



High performance ASTM C475 Compliant.



Minimal mixing and fast tool clean up



Excellent bonding properties



Ideal for paint and other wall coverings



Sand with mechanical tools or by hand



Smooth finish

Product Description

MADA GYPSUM COMPANY (MGC) All-Purpose Jointing Compound uses a Calcium Carbonate-based, non-asbestos formulation, with acrylic polymers and other additives to provide excellent crack free jointing and bonding, and improved workability over other jointing compound formulas. Our All-Purpose Jointing Compound requires only minimal mixing thinning, or rettempering and is ready to use from the pail. Joint finishing is faster, easier, and smoother, to reduce labor costs while providing a superior finish.



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Field of Application

Mada All-Purpose Jointing Compound is ideal for :

- Plasterboard joints
- Angles
- Intersections
- Fastener coating
- Finish skim coat

Manufacturing Standard

- Complies with ASTM C 475/C 475M and ASTM C840.

Product Characteristics

- 28 Kg pail.

Technical Specification

Parameters	Applicable Standards	Mada All Purpose Jointing Compound
Color	-	White
Density, kg/m ³	-	1.60 – 1.65
Viscosity, cP	-	100,000 - 300,000
Drying time, mm:ss	-	< 60:00
VOC's compliant	EN 16516 / ASTM D 5116 / ASTM D 3960	Below detection limit
Jointing coverage	Theoretical	50 m ² /pail
Skimming coverage	Theoretical	35 m ² /pail
Shelf life	Under proper storage conditions	12 Months
Packaging	Per pail	28 Kg

Product Application

- Surfaces must be clean, free of any dust or dirt
- Mada All-Purpose Jointing Compound may be diluted to a workable consistency by adding water, followed by mechanical mixing.
- Apply by hand or with mechanical tools
- MGC recommends using Mada Joint Tape at seams when applying first coat
- Finish all joints, fasteners, and external corners with 3 coats of jointing compound. Internal corners require only 2 coats of jointing compound.

Directions – Jointing And Finishing

- **First coat 150mm/250mm wide (Tapered and Square Edge)**
Cover entire joint with a thin layer of jointing compound and embed Mada Joint Tape leaving at least 1mm of compound under the tape. Feather out the edges with a taping knife and allow to dry completely.
- **Second coat 200mm/350mm wide (Tapered and Square Edge)**
Lightly scrape back the joint and apply the second coat of jointing compound. Feather the edges approximately 50mm (Tapered Edge Joint) or 100 mm (Square Edge Joint) beyond the first coat with taping knife and allow to dry completely.



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Directions – Jointing And Finishing

- **Third coat 250mm/450mm wide (Tapered/Square Edge)**
Lightly scrape back the joint and apply third coat of jointing compound. Feather the edges 50 mm (Tapered Edge Joint) or 100 mm (Square Edge Joint) beyond the second coat with taping knife and allow to dry completely.

Note:

- * Allow Mada All-Purpose Jointing Compound to dry for 24 hours (or more depending on humidity and temperature) before sanding, or recoating.
- * Sand with care using fine grit sandpaper. All surfaces, including jointing compound, require a light sanding between coatings. Surface must be thoroughly dry, clean, dust-free before painting.
- * Clean all tools and equipment after each use.

Mixing

- Use clean mixing tools
- Do not mix with residues of other jointing compounds. Contamination will impair product performance and void the product warranty.
- Add water in small amounts to the Mada All-Purpose Jointing Compound to achieve the desired working consistency.

Attention

- Avoid over-thinning with water as this can cause excessive shrinking or cracking.
- When liquid separates from compound, mix carefully to restore desired consistency.
- Do not overmix! Overmixing traps air bubbles which create surface imperfections.

Handling and Storage

- Mada All-Purpose Jointing Compound should be stored in a dry, covered area and protected from extreme temperatures. Unsuitable storage will shorten the product's shelf life.
- With proper storage, Mada All-Purpose Jointing Compound has a shelf life of 12 months from the date of manufacture.
- Container contents should be used within 48 hours of opening.

Limitations

- Applying Mada All-Purpose Jointing Compound at interior temperatures below 10°C is not recommended. Cold or wet weather conditions may require drying times of 24 hours or longer.
- Do not overmix as excessive amounts of trapped air can result in surface imperfections.
- Previous coats of compound must be thoroughly dry before applying more compound or pinholes may appear.
- Do not use sandpaper lower than 150 grit to avoid scratching the plasterboard paper.
- Adding materials other than water will impair compound performance (decreased strength and adhesion) and void the product warranty.

Precautionary Statements

- Keep contents out of reach of children.
- Ensure adequate ventilation. Wear eye protection and an approved disposable respirator.
- If dust or paste causes irritation use impervious gloves made from PVC, nitrile, or rubber. Wash exposed skin after handling.
- If product gets into the eyes, wash thoroughly with clean water.
- Do not ingest contents of package. If ingestion occurs, seek medical advice immediately
- Follow safe lifting instructions on the product label
- Be conscious of the environment. Dispose of empty packaging in a responsible manner
- For further health and safety instructions, refer to the material safety data sheet for this product, available from your MGC sales office or contact Technical@madagypsum.com