



DSA40
LATEX DRYWALL & FOAMBOARD
ADHESIVE

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

Miracle® DSA40 is used for installing regular and vinyl-faced gypsum wallboard to wood or galvanized framing members. Also bonds insulation foam board to concrete, concrete block and wood. Must have at least one porous surface.

ADVANTAGE:

- Increases Structural Strength
- Limits Unattractive Nail Pops
- Easy Clean-Up
- Excellent Aging Characteristics
- Will not Blister or Stain Vinyl-Faced Gypsum
- Reduces Spackling & Sanding
- Reduces Sound Transmission
- Requires up to 66% Fewer Fasteners
- Bridges Framing Defects of up to 3/8"
- Meets ASTM C557 Specification for Fastening Gypsum Wallboard to Wood Framing

TYPICAL PROPERTIES:

Property	Typical Value
Base:	Synthetic Latex
Solvent:	Water
Shelf Life:	1 year from Date of Manufacture
Colors:	Tan
Flash Point:	N/A
Weight/ Gallon	9.92 lbs/ gallon
VOC Content	182.4 g/L (EPA Method 24)
Viscosity	387,500 – 450,000 cps
Open Time	30 minutes
Dry Time	48 – 72 hours
Solids	64.6% ± 3.0%
Coverage	38 linear feet using 3/8" bead
Formaldehyde	No urea formaldehyde added during adhesive manufacturing

* The shelf life for an unopened container of this adhesive stored at temperatures between 60°F (15.6°C) and 95°F (35°C) is 1 year from date of manufacture. Store out of direct sunlight in a cool, well-ventilated area. Avoid storing container directly on the floor or against an outside wall

DIRECTIONS FOR USE:

- Use only after careful consideration of the warnings, directions, and first aid instructions given.
- Apply a 3/8" bead to clean framing members with hand caulking gun.
- Where two boards butt on a framing member apply zig-zag bead so adhesive will contact both boards.
- Do not apply adhesive more than 30 minutes before installing drywall.

- Store at room temperature.
- Before using, store adhesive at temperatures of between 70°F to 80°F (21°C to 26°C) for 24 hours.
- Do not apply at temperatures below 40°F.
- Do not permit installation to go below freezing for a minimum of 24 hours after application.
- Must have at least one porous surface.
- Not for use with FRP panels.
- DO NOT THIN.

WALLS

- Place board on framing and press firmly into place.
- Use fasteners 16" on center around perimeter of board.
- No fasteners required in the field of the board.

CEILINGS

- Application is the same as for walls except use fasteners 24" on center in the field of the board when hung parallel to framing.
- Use only one fastener in the center of the board per framing member when hung perpendicular to framing.
- To install insulation foamboard apply 3/8" bead of DSA40 to face of board 3" from edge.
- Space vertical beads 8" to 10" apart.
- Press board firmly into place.
- To install gypsum board over foamboard, apply adhesive in the same manner.
- Nail 16" on center at top and bottom.

CLEAN UP:

When dry, mineral spirits may be used, exercising safe practices.

KEEP OUT OF REACH OF CHILDREN
FOR PROFESSIONAL OR INDUSTRIAL USE ONLY
USE ONLY WITH APPROVED EQUIPMENT

NOTICE TO PURCHASER:

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Complete technical information is available from
ITW Polymers Sealants North America, Inc.

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