



# TECHNICAL DATA SHEET

2400 Boston Street | Suite 200 | Baltimore, MD | 21224

## DAP® WELDWOOD® Multi-Purpose Ceramic Tile Adhesive

### PRODUCT DESCRIPTION

DAP® WELDWOOD® Multi-Purpose Ceramic Tile Adhesive may be used for the interior installation of ceramic tile on walls, floors and countertops. It bonds to masonry, fully cured plaster, gypsum panels, underlayment grade plywood and cementitious backerboards.

**NOTE:** Do not use DAP® WELDWOOD® Multi-Purpose Ceramic Tile Adhesive for the installation of button-back tile or for floor tiles over 8"x8".



PACKAGING	COLOR	UPC
Quart	White	7079825190
Gallon	White	7079825192

### KEY FEATURES & BENEFITS

- Quick Grab
- No Slippage
- Water Resistant
- Nonflammable- VOC Compliant
- Exceeds ANSI 136.1 Type I Requirements

### SUGGESTED USES

Multi-Purpose mastic for installing most types of ceramic tile on walls, floors and countertops.



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## APPLICATION

**Surface:** All surfaces must be firm, flat, dry, smooth, clean and free of all foreign material.

### Walls:

1. Make all necessary repairs prior to the installation of the tile.
2. With flat side of trowel, prime with a skim coat of DAP® WELDWOOD® Multi-Purpose Ceramic Tile Adhesive.
3. Allow to dry 2 to 4 hours or until notched trowel application does not break skim coat seal.
4. Above tub and shower receptors, cut away wall materials ¼" above edges and fill void with mastic.
5. Seal all cut edges of wall material and pack all openings with generous amount of mastic.
6. Allow to dry 2 to 4 hours.

### Floors:

1. Exterior grade plywood must be securely fastened and free of flexibility.
2. Concrete floors must be level to a tolerance of 1/8" in 10' fully cured (at least 28 days), free of moisture, alkalinity, hydrostatic pressure and not subject to dampness or seepage.

**NOTE:** It is the responsibility of the user to determine the dryness of all subfloors prior to installation a moisture test may be necessary. Follow cementitious underlayment manufacturer's instructions for installation.

### Application:

1. Plan tile layout, the spread mastic with trowel held at a 45-degree angle to the surface. Apply no more mastic than can be covered in 25 to 30 minutes. Due to superior wet adhesive qualities, wall tiles can be set from the top of the substrate to the bottom. Press do not slide, tiles or sheets of tile into mastic. Maintain accurate joint alignment and spacing of tile as they are positioned into mastic
2. To level and ensure solid tile positioning, use a wood or rubber-faced beating block tapped lightly with a rubber mallet. Check occasionally to ensure average mastic/tile contact is not less than 80% except on shower walls and tub installations where contact area must be 95%. To ensure 100% coverage, apply a thin layer of mastic on the back of each tile before firmly pressing it into mastic. This method, "back-buttering" is recommended for pavers, quarry tile, 6"x 6" and 8" x 8" tiles. Avoid mastic squeeze-up between tiles.

**Note to Contractor:** All installation shall use procedures set forth in ANSI and the current TCNA Handbook for Ceramic Tile Installation. Those procedures supersede this technical bulletin/label where applicable.

**Open Time:** Approximately 25 to 35 minutes after application to substrate. Open time may vary depending on trowel size and climatic conditions.

**Cure Time:** Walls and countertops may be grouted with an appropriate grout after mastic has set for 24 hours. For floors, allow mastic to set for 24 to 72 hours depending on temperature, humidity and porosity of substrate and tile. Use an appropriate grout to complete floor tile installation. Do not allow traffic over tiles prior to grouting.



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## RECOMMENDED TROWEL SIZES:

- Glazed Wall Tile: 3/16" x 5/32" V-notched
- Ceramics, Mosaics and Gauged Slate 1/8" x 1/8" V-notched
- Heavy Tile and Slate Pavers: 1/4" x 1/4" x 3/8" Square-notched
- Quarry Tile: 1/4" x 1/4" x 1/4" Square-notched

## TILE SELECTION GUIDE - Up To 8 Inches

Substrates	Quarry Tile/Pavers	Vitreous Tiles (Glass, Mosaic, Ceramic Mosaics & Porcelain)	Wall Tiles	Slate/Marble Stone
Cementitious Backerboards	•	•	•	•
Gypsum Board/Green Board	•	•	•	•
Underlayment Grade Plywood (Interior Use Only)	•	•		
Particle Board/Lauan Chipboard	No Products Are Recommended for Use Over These Substrates			
Metal/Steel				
Glass/Plastic				
Expansion Joints				
Wallpaper				

**NOTE: THIS PRODUCT IS NOT RECOMMENDED FOR MEXICAN TILES AND GREEN MARBLE.**

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Appearance/Consistency	Medium Paste
Vehicle	Synthetic Acrylic Latex
Violate	Mineral Spirits
Solids	70% by weight
Weight/Gallon	13.3 pounds
Application Temperature	40 °F -100°F



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Final Cure Time	3 days		
Shelf Life	12 months when stored in original tightly sealed container		
Coverage (sq. ft.):	<b>Trowel Size</b>	<b>One Quart</b>	<b>One Gallon</b>
	5/32" V-notched	9-12 sq. ft.	35-50 sq. ft.
	1/4" Square-notched	8-10 sq. ft.	30-40 sq. ft.
	1/8" V-notched	16-19 sq. ft.	65-75 sq. ft.
	3/8" Square-notched	10-12 sq. ft.	40-50 sq. ft.

**NOTE:** These figures are approximate and may vary with job site conditions, type of trowel used and setting practices.

## CLEAN UP & STORAGE

Use warm soapy water to remove wet adhesive. Use mineral spirits and a soft plastic scouring pad to clean up excess adhesive from tools and flooring. Surface should be wiped dry immediately after clean-up is complete. Dried material must be cut or scraped away.

Product has a 12-month shelf life when stored in a cool, dry place in an unopened container. Partially used product will have a shorter shelf life. Maximum storage time can be achieved if storage container has a minimal air entrapment with a tight lid. Follow original directions for reuse. Store in tightly sealed original package, under cool, dry conditions.

## SAFETY

See product label and Safety Data Sheet (SDS) for health and safety information. You can request an SDS by visiting our website at [dap.com](http://dap.com) or by calling **1-888-DAP-TIPS**.

## WARRANTY

### **Warranty:**

DAP Products Inc. warrants that this product, when applied in accordance with our label, technical bulletins and applicable industry standards, will be free from defects in material and workmanship for 12 months from the date of purchase. If a product defect is encountered, call DAP Products Inc., Technical Customer Service at 888-DAP-TIPS for further information. Have your sales receipt available. DAP's **sole liability** is either to supply new product or refund the purchase price. This limited warranty excludes all other express or implied warranties, including the warranties of **Merchantability or Fitness For a Particular Use or Purpose**. DAP will in no event be liable for any incidental or consequential damages. Some states do not allow limitations on how long implied warranties last or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.



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## COMPANY IDENTIFICATION

**Manufacturer:** DAP Products Inc., 2400 Boston Street, Baltimore, Maryland 21224

**Usage Information:** Call **1-888-DAP-TIPS** or visit [dap.com](http://dap.com) & click on "Ask the Expert"

**Order Information:** 800-327-3339 or [orders@dap.com](mailto:orders@dap.com)

**Fax Number:** 410-558-1068

**Also, visit the DAP website at [dap.com](http://dap.com)**