



# TECHNICAL DATA SHEET

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

## DAP® Concrete Bonding Additive

### PRODUCT DESCRIPTION

**DAP® Concrete Bonding Additive** is an acrylic latex bonding agent that can be used for concrete and mortar. Ideal for new or old concrete patching, resurfacing, and leveling. It is excellent for capping walls, patching steps and tuck pointing. For interior and exterior use.



PACKAGING	COLOR	UPC
Quart	White	7079802131
Gallon	White	7079802132

### KEY FEATURES & BENEFITS

- Bonds old concrete to new concrete
- Increases bond strength
- Outstanding durability
- Multi-Material adhesion
- Interior/Exterior

### SUGGESTED USES

**Ideal for application as a bonding primer and/or add-mix to fortify mortar mixes for:**

- Repairing cracks in steps, walks, driveways and patios.
- Tuck pointing old mortar joints of brick and concrete.
- Resurfacing and leveling of old concrete slabs and walls.

### PERFORMANCE CHARACTERISTICS

- Locks in moisture to allow for improved curing of concrete.
- Stops moisture suction into old concrete to ensure perfect patching.
- Enables resurfacing with a thin layer of concrete without cracking.



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- May be applied as a coating or mixed into mortar for repairs.

## APPLICATION

### Surface Preparation:

- Surface must be clean, structurally sound, and free of all foreign material, including compounds, form release agents and any other contaminants, which may prevent the proper adhesion.
- The preferred method of surface preparation is mechanical abrasion. For oil-contaminated surfaces, use steam cleaning in conjunction with a strong detergent. Rinse thoroughly with water and let dry. Allow the concrete to dry before applying DAP® Concrete Bonding Additive.

### Application as a bonding agent:

- Stir DAP Concrete Bonding Additive thoroughly before use. Do not dilute.
- For hand application, wet brushes or rollers before use and shake out excess water.
- Extremely porous surfaces may require two coats. Allow to dry, approximately 1 hour depending on temperature and humidity, before placing repair mortars, concrete or toppings.

### Application as an admix:

- Add approximately 1 gallon of DAP Concrete Bonding Additive per 30 lbs. of cement content in the mortar material. Add enough Admix-Solution to dry mix to form a stiff mortar. Thin mixes cause shrinkage and cracking.

### Patching concrete steps, curbs, joining new concrete:

- Follow surface preparation instructions above.
- Prime coat bonding surfaces with DAP® Concrete Bonding Additive.
- When prime coat is tacky, apply fresh mortar made with Admix-Solution.
- Do not allow Concrete Bonding Additive to dry out. If primed surface dries, apply a second coat of Concrete Bonding Additive and repair immediately.

### Tuck pointing:

- For tuck pointing and filling cracks, reinforce Mortar-Mix by adding 1.5 gal of DAP® Concrete Bonding Additive per 50 lbs. of cement.

### Resurfacing walls and floors:

- Follow surface preparation instructions above.
- Traces of silicates, silicones, etc., used for sealing and waterproofing may prevent a bond of new material. Make a patch test before proceeding.
- Prime with additive coating and use an extra prime coat on all areas where new concrete will be feather edged.



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## For Best Results

- Use a high quality commercially prepared cement mix.
- Do not use when air, surface or product temperature is below 50°F.
- Do not apply to frozen or frost filled surfaces.
- Do not use where constant moisture or hydrostatic pressure is present (swimming pools, cisterns or other areas that will be immersed).

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Base:	Ethylene Vinyl Acetate Copolymer Emulsion
Volatile:	Water
Flash Point:	100°C (212°F)
Solids:	34%
Weight/Gallon:	8.9 lbs/gal
Color:	Applies white, dries translucent
Temperature Application Range:	50°F to 90°F
Dry Time:	Approximately 1 hour. when applied as a primer, depending on temp. & humidity. When used as an admix, allow for set times according to the cement mix supplier, typically 28 days for full cure.
Coverage:	Approx. 60 sq. ft./quart Approx. 250 sq. ft./gallon
Shelf Life:	24 months in original, unopened package. Keep from freezing.

## CLEAN UP & STORAGE

Clean up excess wet additive with a damp sponge before it skins over. Excess dried additive must be cut or scraped away. Clean skin and tools with warm water and soap. Store container in a cool, dry place away from extreme heat or cold. Protect from freezing.

## SAFETY



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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 **888-DAP-TIPS**.

## LIMITED WARRANTY

**LIMITED ONE-YEAR WARRANTY:** DAP Global Inc. warrants to the original purchaser for a period of one year from the date of purchase that its product will perform to DAP published written product specifications, if used as directed. If the product fails to perform, call 888-DAP-TIPS and return the product and container with your sales receipt for either replacement product or a refund of the sales price, at DAP's sole discretion. Any implied warranties, including the implied warranty of merchantability and fitness for a particular purpose, are expressly limited to the duration of this limited written warranty. **Incidental and consequential damages are expressly disclaimed and DAP's maximum liability is limited to the amount of the original purchase price of the DAP product.**

## COMPANY IDENTIFICATION

**Manufacturer:** DAP Global Inc., 2400 Boston Street, Suite 200, Baltimore, Maryland 21224

**Usage Information:** Call **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)**