



# TECHNICAL DATA SHEET

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

## DAP® Concrete Bonding Additive

### PRODUCT DESCRIPTION

**DAP® Concrete Bonding Additive** is an advanced vinyl compound that can be used to create a high moisture resistant, high density concrete. As a primer, DAP Concrete Bonding Additive is perfect 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
- For capping walls, resurfacing, patching & tuck pointing
- Primer and Admix in one
- Multi-Use adhesion
- Interior/Exterior

### SUGGESTED USES

**Ideal for applying as a coating or mixing into mortar 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



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

## APPLICATION

### Admix Solution:

- Prepare by making a solution of 1 measure of additive added to 4 measures of clean water.

### Mortar Mix:

- Use packaged dry "Topping Mix" or 1 measure of Portland Cement mixed with 4 measures of sharp, clean sand.
- Add enough Admix Solution to the dry mix to form a stiff mortar. Thin, wet mixes cause shrinkage and cracking.

### Patching Concrete Steps, Curbs or Joining New Concrete:

- Surface must be free of grease, oil and other foreign matter. Sweep or blow surface with compressed air to remove all mud, dirt, dust and other loose debris.
- Prime coat the surface to be patched with undiluted DAP® Concrete Bonding Additive. When the prime coat is tacky, apply fresh mortar which has been made using the Admix Solution. Do not allow the prime coat to dry out. If the prime coat does dry out, apply a second coating of the DAP Concrete Bonding Additive and repair immediately.

### Tuck Pointing:

- For an extra strong mortar for brick, applying wall caps, tuck pointing and filling cracks, use a Mortar Mix as indicated above.

### Resurfacing Walls and Floors:

- Remove all foreign material from concrete area to be resurfaced.
- TEST FOR BOND: Traces of silicates, silicones, etc., used for sealing and waterproofing, may prevent a bond of new material. Make a test patch before proceeding.
- PRIME with a mixture of 4 parts DAP Concrete Bonding Additive mixed with 1-part clean water. Use an extra prime coat on all areas where new concrete will be feather edged.
- WET THE CEMENT/SAND MIX with a solution of 1-part DAP Concrete Bonding Additive mixed with 4 parts clean water.

**Caution:** Use only sharp, crushed stone free of clay and humus along with an ample ratio of cement. Do not use river sand. DO NOT USE BELOW 50°F.



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## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Base:	Vinyl Acetate Copolymer
Volatile:	Water
Flash Point:	Nonflammable
Solids:	36.5
Weight/Gallon:	8.7 lbs.
Specific Gravity:	1.04
Odor:	Pleasant
Color:	White, dries translucent
Consistency:	Milky liquid
Temperature Application Range:	Above 50°F
Dry Time:	Approximately 45 min. 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.
Freeze/Thaw Stability:	Passes 5 Cycles
Coverage:	Approx. 350 sq. ft./gallon
Shelf Life:	12 month minimum
Coverage	<b>Quart:</b> Will prime and patch area plus reinforce a 60 lb. sack of dry-mix concrete. <b>Gallon:</b> Allow 1-gallon DAP® Concrete Bonding Additive per sack of pure dry cement or 1 to 1-1/2-gallon

## CLEAN UP & STORAGE

Before drying, remove excess additive with a damp cloth. Dried additive must be cut off scraped away. Be sure container lid is closed and tightly sealed. Store at room temperature 40-80°F.

## 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 **888-DAP-TIPS**.



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## WARRANTY

### **Limited Warranty:**

If product fails to perform when used as directed, within one year of date of purchase, call 888-DAP-TIPS, with your sales receipt and product container available, for replacement product or sales price refund. DAP Products, Inc. will not be responsible for incidental or consequential damages.

## COMPANY IDENTIFICATION

**Manufacturer:** DAP Products Inc., 2400 Boston Street, 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)**