ARCHITECTURAL POLYMERS®

MCA 1.0

Construction Adhesive

PRODUCT DESCRIPTION

A high strength, fast drying, pressure sensitive adhesive used for bonding concrete, reveal, chamfers, plastics, metal, wood and other materials.

FEATURES

Web spray adhesive with dense coverage throughout spray pattern. Product offers long term heat and water resistance. Available in various packaging and nozzle configurations.

PACKAGING

Available in the following packing types:

Aerosol Cans

- 17 net oz aerosol can with inverted nozzle
- 12 cans per case & 109 cases per pallet
- 17 net oz aerosol can with adjustable nozzle
- 12 cans per case & 109 cases per pallet
- Part numbers: GD1110, GD1120

Canisters

- 36 net lbs per canister
- 36 Canisters per pallet
- Part number: GD1130

TYPICAL PHYSICAL PROPERTIES

Solids: 28.7%
Color: Water White
Net Weight

- Aerosol Can: 17 oz
- Canister: 36 lbs

Spray Width: 2 – 6 inches[1]
Bonding Time: 1 – 10 minutes[2]
Viscosity: 8000 cps
Coverage (Single side, 1 gm/ft^2):

- Aerosol Can: 138 sq feet[2]
- Canister: 4687 sq feet[2]

Temperature Resistance > 200F

STORAGE & SHELF LIFE

Store product at 60-80°F for maximum storage life. Higher and lower temperatures can effect adhesives performance.
Shelf Life: 1 Year
Rotate stock using oldest product first.

Architectural Polymers, Inc.
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PRODUCT APPLICATION

1. Select best MCA 1.0 packaging type for easy application:
   - Aerosol Can (Inverted/90 Degree nozzle)
   - Canister (Use with 6501 nozzle)
2. Shake aerosol cans prior to use (unnecessary for canisters)
3. With nozzle facing surface, spray at a distance of 8"–10" constantly moving the applicator to prevent build up on substrate.
4. For best bond strength, apply adhesive to both surfaces.
5. Use overlapping spray pattern on large surfaces.
6. Before bonding surfaces, insure that the adhesive is dry to the touch. Approximately 1–3 minutes. (Temperature and humidity will affect open time.)
7. Bond substrates applying heavy pressure to maximize bond strength.

REMOVAL CLEAN UP

1. Pry material off surface using flat edged tool.
2. Scrape surface with flat edge tool to remove large debris and excess adhesive.
3. For best results, apply citrus cleaner to remaining adhesive, wait approximately 5 minutes and scrape surface. Repeat if necessary.
4. Pressure wash surface.

WARRANTIES

ARCHITECTURAL POLYMERS, INC. MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of application. Please remember that many factors can affect the use and performance of any adhesive in a particular application. Given the variety of factors that can affect the use and performance of MCA 1.0, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose for the user's method of application.

[1] Depends on applicator nozzle

[2] Can vary based on adhesive application, environmental factors, and bonding surfaces

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