

DESCRIPTION Miracle Bond Easy Flow 1310 is a multi-purpose, rapid cure, high strength epoxy bonding and repair adhesive system. It will bond almost any material together. Its specially formulated non-sag property is also perfect for overhead and vertical repairs.

PROPERTIES Gel Time: 12 minutes @ 75°F (24°C)
Cure Time: 2 hours @ 75°F (24°C)
Consistency: Non Sag Paste

COLOR	
Part A	White
Part B	Dark Gray
Mixed	Concrete Gray
Mix Ratio	1 : 1

GENERAL USES and APPLICATIONS

- ❖ Bonding fresh concrete to hardened concrete
- ❖ Bonding hardened concrete to hardened concrete
- ❖ A capping paste sealer around ports and cracks for crack injection process
- ❖ Non-sag patching material for cracks and small spalls. Great for overhead and vertical repair.
- ❖ Bonds to a multitude of substrates

ADVANTAGES and FEATURES

- ❖ Ideal bonding agent for materials including concrete, brick, wood, stone, block, metal and other substrates.
- ❖ Ceramic blend that has high strength and high modulus.
- ❖ 100% solvent free system means low VOC content
- ❖ A moisture insensitive system and can be used on damp surfaces

PACKAGING of Miracle Bond Easy Flow 1310

Cartridge or Bulk	Part #'s
8.6 oz. (254 ml) cartridge	A9-MB1310 12P

AVAILABILITY ATC products are available through select distributors who can provide you with all your construction needs. Please contact ATC at (800) 892-1880 for a distributor near you.

WEBSITE www.atcepoxy.com

SHELF LIFE / STORAGE 24 month shelf life when stored in unopened containers in dry conditions and stored at 40°F--95°F (4°C--35°C)

Miracle Bond Easy Flow 1310 Technical Data			
Properties		ASTM	75°F 24°C
Gel time 60 gm sample @ 75°F (24°C)	minutes	C881	12
Working Time (nozzle)	minutes		14.5
Initial Cure Time- @ 75°F (24°C)	hours		2
Consistency or Viscosity		C881	non-sag
Volatile Organic Compounds (VOC)	mixed		20 g / l
Compressive Yield Strength – psi (MPa)	7 day	ATC Modified Method	4,000 (27.6)

Miracle Bond 1310 can be used to replace a pool tile underwater. Apply adhesive to the dry tile and adhere to side wall or bottom surface of the pool. Hold in place for a few minutes. Miracle Bond 1310 is heavier than water and is not recommended for vertical crack or spall repair underwater.

*Additional new product testing will be available April 15, 2014.

LEED: Certificate is available upon request

APPLICATION TEMPERATURE Substrate and ambient air temperature between 40°F and 100°F (4°C and 38°C)

Manufactured In The U.S.A.



by Adhesives Technology Corp.

450 East Copans Road ■ Pompano Beach, FL 33064 ■ (800) 892-1880 ■ Fax (800) 362-3320 ■
www.atcepoxy.com

CONDITION PRODUCT When the work environment or substrate falls below 70°F (21 °C) condition the product to 70-75°F (21°C – 24 °C) prior to use. Cold product may become too thick; product that is too warm will react faster than normal.

COVERAGE The 8.7oz. (257 ml) cartridge will yield approximately 20 linear feet (6,1 m) when drawing a ¼ x ¼ inch (6,35 x 6,35 mm) bead. The quart kit will yield approximately 1/3 sq. ft. (309.7 cm²) at 1 inch depth (2.54 cm)

CHEMICAL RESISTANCE A Chemical Resistance Chart for our Ultrabond, Miracle Bond and Crackbond epoxy products is available upon request. Contact a Technical Service Representative for details.

LIMITATIONS & WARNINGS

- ❖ Do not thin with solvents, as this will prevent cure

SPECIFICATION Bonding adhesive shall be a two component, 1:1 ratio, 100% solvent free epoxy system supplied in pre-measured containers. The adhesive material must have a minimum gel-time of 8 minutes, a minimum compressive strength of 4,000 psi (ATC Modified Method) at 75°F (27,6 MPa at 24°C.) Shelf life must be a minimum of 24 months. Adhesive shall be Miracle Bond 1310SW manufactured by Adhesives Technology Corp., Pompano Beach, Florida.

MPII MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS Use for spalls no deeper than 5/8" (15,9 mm) or no wider than 3" (76,2 mm) in diameter. Anything larger will result in high heat of reaction and will heave or crack. For larger spall repair, use slower cure formula Miracle Bond 1450. For complete Installation Instructions for Miracle Bond 1310SW see MPII on our Website, www.atcepoxy.com or call ATC for more information at 1-800-892-1880.

SURFACE PREPARATION Old concrete must be clean and profiled or textured. New concrete must be a minimum of 28 days old. All dirt, oil, debris, wax, grease or dust must be removed. Prepare the surface mechanically using a scarifier, sandblast, shotblast, or other equipment that will give the surface profile needed for the application. A roughened surface is imperative to good adhesion.

CLEAN UP Clean tools and equipment with solvent such as xylene, toluene, MEK or WD-40.
Do not allow epoxy to harden on equipment.

SAFETY Please refer to the SDS for Miracle Bond 1310 published on our Website, www.atcepoxy.com or call ATC for more information at 1-800-892-1880.

WARRANTY Adhesives Technology Corporation (ATC) warrants to the Buyer that this product is in good quality and conforms to the manufacturer's specifications in force on the date of manufacture and when used in accordance with the Installation Instructions and when stored as directed in the technical literature.

Manufacturer cannot warrant or guarantee any particular method of use, performance or application under any particular condition and Buyer is responsible for determining the suitability of intended purpose and assumes all risks therein. ATC shall not be liable for any injury, loss, cost of labor or consequential damages either directly, indirectly or incidentally, arising out of the use or misuse of any product sold by ATC or another distributor. If the product is proven to be in nonconformance, the Buyers sole remedy shall be a refund of the purchase price or replacement of product.

Manufactured In The U.S.A.



by Adhesives Technology Corp.

450 East Copans Road ■ Pompano Beach, FL 33064 ■ (800) 892-1880 ■ Fax (800) 362-3320 ■
www.atcepoxy.com