
NON-SAG STANDARD CURE EPOXY

Description: Ultrabond 2200 is a two component 100% solids, high aspect ceramic-blend epoxy. It is a solvent free, high strength, high modulus, moisture insensitive, non-sag epoxy system. Ultrabond 2200 is ideal for anchoring and doweling in vertical, horizontal, and overhead applications with a long working time. Ultrabond 2200 can be used in concrete, hollow block, brick and stone. It is ideal for use at temperatures from 60° F to 110° F. Ultrabond 2200 is an excellent choice where a **high strength** adhesive with **maximum field reliability** is desired.

Uses and Advantages: High strength anchoring and doweling
Bonding agent (metal, concrete, brick, wood, stone, block)
Structural bonding of concrete to concrete
Mix with sand to make a trowelable mortar
Excellent spall patching material
Pick proof sealant for windows, doors locks, etc. (Correctional facilities)
Perfect for horizontal, overhead, and screen applications
Crack injection sealer around ports and cracks
Moisture insensitive. May be used in damp environments

Classification: Independently Tested: Meets ASTM C881-99: Type I, II, IV, and V, Grade 3, Class C.

Packaging: Ultrabond 2200 is available in 22 oz. and 53 oz. dual cartridge systems. Bulk sizes include 1 gallon, 2 gallon and 10 gallon kits.

How To Use:
DUAL CARTRIDGE USE: Pneumatic and manual dual cartridge dispensing tools are available for most cartridge sizes. Read and follow the complete instruction guide for anchoring and doweling with dual cartridge systems.

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BULK USE: Pre-mix each component “A” and “B” separately. Then mix all of part “A” with all of part “B” until a uniform gray color with no streaks is achieved. Use a drill on low speed (400 rpm) for a minimum of three minutes. Make sure to scrape the sides and bottom to thoroughly mix all contents. Mix the epoxy in 1:1 proportions. Mix only the quantity that can be used within the pot life of the adhesive. Read and follow the complete instruction guide for anchoring and doweling with bulk adhesives.

TECHNICAL DATA FOR ULTRABOND 2200

Shelf Life		2 years
Storage Conditions		Below 95° F
Color		Concrete Gray
Consistency (@ 73° F)	ASTM C881	Non-Sag
Temperature Range		60° F - 110° F
Mixing Ratio A:B (Volume)		1:1
Gel Time (60 gram mass @ 74° F)	ASTM C881	39 minutes¹
Bolt-Up or Load Time (@78° F)		10 hours¹
Water Absorption – 24 hrs	ASTM D570	0.61 %
Linear Shrinkage		0.002 cm/cm
Compressive Yield Strength - 7 days	ASTM D695	10,900 psi
Compressive Modulus Strength – 7 days		212,400 psi
Bond Strength – 2 days	ASTM C882	1,200 psi
Bond Strength – 14 days		1,900 psi
Heat Deflection Temperature	ASTM D648	131° F

1. Gel and Bolt Up Times lengthen as temperatures decrease and shorten as temperatures increase.

Independent test reports available upon request
 For technical support call: Adhesives Technology Corp. at 1-800-892-1880

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