



EA-610 STONE/TILE BEDDING AND ADHESIVE COMPOUND

PRODUCT BULLETIN



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DESCRIPTION

EA-610 is a high-strength two-component epoxy paste adhesive designed as a bedding/adhesive material for tile or stone. This 100% solids system is waterproof and frost resistant. Its unique qualities make it ideal for many tiling applications including boatdecks, showers and swimming pools. EA-610 works well for bonding stone to metal and for fixing ceramic, porcelain and natural stone to most common building substrates. This material is particularly useful where tiles/stone will be set against uneven surfaces as the thick epoxy bed allows for the adjustment of tile, stone or countertops. Perfect for interior or exterior use and/or wet and dry conditions, this material can be used for floor and wall joints from 2mm – 12mm wide.

HANDLING CHARACTERISTICS @ 25°C/77°F

Mix Ratio (parts by volume)	1R/1H PBV
Mixed Density	11.8 lbs/gal
Mixed Viscosity	580,000 cps
Work Life @ 77°F (380 gram mass)	105 minutes
Work Life @ 100°F (380 gram mass)	60 minutes
Tack Time @ 77°F	4 – 4.25 hrs @ 1/8" thick
Tack Time @ 100°F	1.25 – 1.5 hrs @ 1/8" thick
Resin Color.....	White
Hardener Color.....	Tan
Shelf Life Resin & Hardener (in original unopened containers).....	1 year

TYPICAL PHYSICAL PROPERTIES @ 25°C/77°F

Tensile Strength	5,460 psi
Tensile Elongation.....	1.7%
Tensile Modulus	452,000 psi
Flexural Strength.....	10,220 psi
Flexural Modulus	394,000 psi
Heat Deflection Temperature @ 66 psi.....	116°F
Compressive Strength.....	9,400 psi
Compressive Modulus.....	250,000 psi
Impact Strength	5 in-lb/in
Shore Hardness	85 Shore D

ADHESION TESTS

PATTI Tensile Adhesion (Aluminum)	3,625 psi
PATTI Tensile Adhesion (Steel).....	3,615 psi

EA-610 Tech/Revised 3/1/07
Supersedes New 7/26/06



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