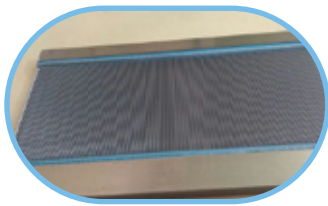




ADHESIVES

Jpoxy epoxy adhesives are two component adhesive system which adhere well to metals, woods and concrete, and variety of other substrate

APPLICATIONS



Textile Reed



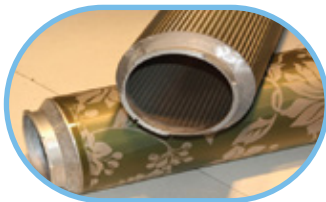
Thrust Bearing



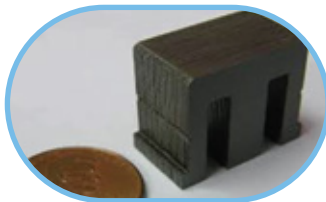
Container



Capacitor Potting



Nickel bonding



Laminate Bonding



Wood to Stone Adhesion

BENEFITS

- ⊖ Easy to apply
- ⊖ Impervious
- ⊖ Low shrinkage during cure
- ⊖ Excellent adhesion to all type of substrate
- ⊖ Inhibits growth of stain causing mold Hygienic



JPOXY POLYMERS LLP

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SELECTOR GUIDE

Specialty Adhesives

MR. JO Tekbond-LV

System Properties Color: Clear
Pot life @25°C: 100-120 mins | Mixing Ratio: 100:10 PBW
Mixture consistency: Low Viscous liquid
Dielectric strength: 15-20 kv/mm for 3mm thickness
Thermal resistance: -25°C to 60°C
Optics: Transparent

Recommended Applications Electrical bonding, Metal to composite bonding, Creep resist bonding, High performance bonding

Packing 1.1 kg

MR. JO Tekbond-MV

System Properties Color: Clear
Pot life @25°C: 95-115 mins | Mixing Ratio: 100:10 PBW
Mixture consistency: Medium Viscous liquid
Optics: Transparent

Recommended Applications Structural adhesive, General bonding, Industrial adhesive

Packing 1.1 kg

MR. JO Tekbond-EMV

System Properties Color: Clear
Pot life @25°C: 95-110 mins | Mixing Ratio: 100:10 PBW
Mixture consistency: Medium Viscous liquid
Optics: Transparent

Recommended Applications Electrical insulation, Electrical encapsulation, Casting

Packing 1.1 kg

MR. JO Tekbond-ELV

System Properties Color: Clear
Pot life @25°C: 90-100 mins | Mixing Ratio: 100:10 PBW
Mixture consistency: Low Viscous liquid
Glass transmission temperature(Tg): 60-70°C
Optics: Transparent

Recommended Applications Casting, Encapsulation electronic parts, Potting low voltage parts

Packing 1.1 kg

MR. JO Tekbond-ELAM

System Properties Color: Clear
Pot life @25°C: 95-125 mins | Mixing Ratio: 100:10 PBW
Mixture consistency: Low Viscous liquid
Coefficient of thermal expansion: $(1/10^8)$ mm/°C
Optics: Transparent

Recommended Applications General tool building, Wet lay-up tools, Backing structure, Foundry patterns

Packing 1.1 kg

MR. JO Tekbond-SHV

System Properties Color: Grey
Pot life @25°C: 20-40 mins | Mixing Ratio: 100:40 PBW
Mixture consistency: Thixotropic grey paste
Temperature Resistance: up to 120°C
Optics: Opaque

Recommended Applications Electrical Insulation, Gap filling, Adhesion that can withstand elevated temperature, Water resistant bonding

Packing 1.4 kg

MR. JO Tekbond-SMV

System Properties Color: Ivory
Pot life @25°C: 35-45 mins | Mixing Ratio: 100:40 PBW
Mixture consistency: Thixotropic ivory paste
Chemical resistant
Optics: Opaque

Recommended Applications Teflon Bonding, Chemical resistant bonding, Electrical adhesive, Construction adhesive

Packing 1.4 kg

MR. JO Tekbond-X

System Properties Color: Black
Pot life @25°C: 35-50 mins | Mixing Ratio: 100:50 PBW
Mixture consistency: Thixotropic black paste
Optics: Opaque
Damp, moist and underprepared substrate curing

Recommended Applications Repair, fill and seal holes, cracks and worn surfaces | Bonding agent for pre-cast concrete segment | Concrete repairs | Damp, moist and underprepared substrate bonding
Bonding agent for tile & brick

Packing 1.5 kg

MR. JO Tekbond-NS

System Properties Color: White
Pot life @25°C: 60-70 mins | Mixing Ratio: 100:100 PBW
Mixture consistency: Putty paste
Optics: Opaque
Non drip (up to 5mm) on overhead/vertical surface

Recommended Applications Structural strengthening, Impregnation, Fiber glass reinforcement, Curves/irregularities on substrate

Packing 2 kg, 10 kg

Engineering Adhesives

MR. JO Tekbond-UP

System Properties
Color: Pale yellow(Other colors available)
Pot life @25°C: 120-150 mins | Mixing Ratio: 100:80 PBW
Mixture consistency: Medium viscous flowable liquid
Adhesive Strength*: >1 Kg / sq. mm (*Aluminum to Aluminum 25mm X 25mm area Lap joint)
Optics: Translucent/Opaque

Recommended Applications
Encapsulation/potting, Structure & interior, Component, repair & pasting, Bolt anchoring, Concrete- Rebar extension

Packing 1.8 kg, 9 kg

MR. JO Tekbond-GS

System Properties
Color: Pale yellow
Pot life @25°C: 60-70 mins | Mixing Ratio: 100:80 PBW
Mixture consistency: Clear thick liquid
Optics: Clear/Translucent

Recommended Applications
Brake lining to break shoe, Electrical insulation, Bonding various automobile parts, Sports good manufacturing

Packing 1.8 kg, 9 kg

MR. JO Tekbond-GLS

System Properties
Color: Pale yellow
Pot life @25°C: 60-70 mins | Mixing Ratio: 100:80 PBW
Mixture consistency: Clear Flowable liquid
Optics: Clear/Translucent

Recommended Applications
Battery terminal bonding, Bonding metal body to grinding stone, House hold repairing, Repairing sanitaryware

Packing 1.8 kg, 9 kg

MR. JO Tekbond-CLR

System Properties
Color: Clear
Pot life @25°C: 20-30 mins | Mixing Ratio: 100:80 PBW
Mixture consistency: Clear thick flowable liquid
Optics: Transparent

Recommended Applications
Bonding glass & transparent substrate, Transparent joints, Jewelry & Handicrafts, Repairing

Packing 1.8 kg, 9 kg

MR. JO Tekbond-OPK

System Properties
Color: Grey (Other colors available)
Pot life @25°C: 55-65 mins | Mixing Ratio: 100:80 PBW
Mixture consistency: Thick flowable liquid
Optics: Opaque

Recommended Applications
Metal to ceramic bonding, Metal to metal bonding, Bonding rigid plastics, Bond almost all kind of material, Repair & Maintenance

Packing 1.8 kg, 9 kg

MR. JO Tekbond-IW

System Properties
Color: Off White (Other colors available)
Pot life @25°C: 55-70 mins | Mixing Ratio: 100:80 PBW
Mixture consistency: Flowable liquid
Improved wetting ability
Optics: Opaque

Recommended Applications
Structural bonding, Fabrication adhesive, Industrial adhesive

Packing 1.8 kg, 9 kg

Construction Adhesives

MR. JO Bondkot-HV

System Properties
Color: Grey
Pot life @25°C: 60-80mins | Mixing Ratio: 100:40 PBW
Mixture consistency: Thick floppy liquid
Damp, moist and underprepared substrate curing
Optics: Opaque

Recommended Applications
Segment Bonding, Construction Joints
Precast Bonding, Old to new concrete bonding

Packing 2 kg, 10 kg

MR. JO Bondkot-MVC

System Properties
Color: Pale yellow
Pot life @25°C: 120-150 mins | Mixing Ratio: 100:50 PBW
Mixture consistency: Medium viscosity liquid
Higher filler loading possible
Optics: Transparent/Translucent

Recommended Applications
Protective Coating, Crack sealing, Old to new bonding, Foundation grouting

Packing 7.5 kg

MR. JO Bondkot-LVC

System Properties
Color: Pale yellow
Pot life @25°C: 100-120 mins | Mixing Ratio: 100:50 PBW
Mixture consistency: Low viscosity liquid
Filler loading possible
Optics: Transparent/Translucent

Recommended Applications
Adhesion promoter, Sealer coat, Protective coating, Screed

Packing 7.5 kg

MR. JO Bondkot-UPS

System Properties
Color: Pale yellow
Pot life @25°C: 80-100 mins | Mixing Ratio: 100:50 PBW
Mixture consistency: Medium viscosity liquid
Damp, moist and underprepared substrate curing
Optics: Transparent/Translucent

Recommended Applications
Precast bonding, Sealer coat, Protective coating, Old to new bonding

Packing 7.5 kg

Adhesive Application Steps



SURFACE PREPARATION

The mixture should be applied on a clean, rough and dry surface. Traces of grease or oil should be removed from the surface before applying the adhesive.



MIXING

Mix the two components in small batches thoroughly for at least 2 minutes.



APPLY EPOXY ADHESIVE

Apply the mix directly by spatula or pour and spread with spatula on the surfaces.



CURING

The components to be bonded should be assembled as soon as the adhesive has been applied. Allow to cure for 24 hours to achieve full bond strength.

HOW TO CHOOSE?

SUBSTRATE TO BE REPAIRED OR BONDED
Dry, Wet, Underprepared

LOW VISCOSITY / MEDIUM VISCOSITY

OPEN TIME
Slow, Fast

DIFFERENT APPLICATIONS
Colors, Clear

FINAL PROPERTIES
Heat Resistant,
Machinable, Decorative

NOTE :

Special color requests against minimum order requirements are also accepted

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FLOORING & COATINGS | TILE GROUT | TOOLING & COMPOSITES | PROTECTIVE COATINGS | **ADHESIVE** | INJECTION GROUT | MACHINE FOUNDATION GROUT | MARBLE & STONE | RESIN ART