

EPOXY ADHESIVES – SPECIALITY ADHESIVES,
ENGINEERING ADHESIVES, CONSTRUCTION ADHESIVES

Product Description

MULTIPOXY EPOXY ADHESIVES are two component adhesive system which adhere well to metals, woods and concrete, and variety of other substrate.

Advantages of MULTIPOXY EPOXY ADHESIVES

- ☑ Eco-friendly and solvent free
- ☑ Easy applicability
- ☑ Impervious
- ☑ Low shrinkage during cure
- ☑ Excellent adhesion to all types of substrates
- ☑ Inhibits growth of stain causing mold hygiene

Application Areas

- Suitable for textile reeds
- Thrust bearings
- Containers
- Capacitor plotting
- Nickel bonding
- Laminate bonding
- Wood to stone adhesion

Application Precautions and Limitations

- Essential care must be taken to ensure proper mixing of MULTIPOXY EPOXY ADHESIVES.

PRODUCT RANGE AND SERIES

❖ SPECIALITY ADHESIVES

MP MULTIBOND -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

MP MULTIBOND -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: (1/10⁸) mm/°C
 Optics: Transparent

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

Packing 1.1 kg

MP MULTIBOND -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

MP MULTIBOND -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

MP MULTIBOND -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

MP MULTIBOND -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

MP MULTIBOND -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

MP MULTIBOND -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-casted concrete segment | Concrete repairs | Damp, moist and underprepared substrate bonding
 Bonding agent for tile & brick

Packing 1.5 kg

MP MULTIBOND -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**

MP MULTIBOND -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. mm②(*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

MP MULTIBOND -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

MP MULTIBOND -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

MP MULTIBOND -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

MP MULTIBOND -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

MP MULTIBOND -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

MP MULTIBONDCOAT - 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

MP MULTIBONDCOAT - LVC

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

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

Packing
 7.5 kg

MP MULTIBONDCOAT - MVC

System Properties
 Color: Pale yellow
 Pot life @25°C: 120-150 mins | Mixing Ratio: 100:50 PBW
 Mixture consistency: Low 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

MP MULTIBONDCOAT - 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

Application Method



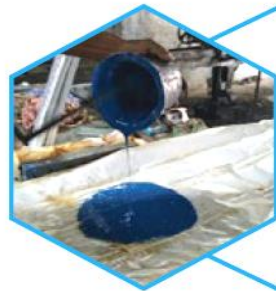
SURFACE PREPARATION

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.

Health & Safety Precautions

- Use rubber hand gloves, dust masks and safety goggles while using MULTIPOXY EPOXY ADHESIVES. In case of contact with skin, wash with water. Keep away from children.

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