



# ROCK SOLID ADHESIVE SOLUTIONS

**MOST TRUSTED & DIVERSE RANGE OF STONE ADHESIVES**



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Astral Adhesives manufactures a diverse range of adhesives, sealants, putties, self-adhesive tapes, construction chemicals and industrial maintenance products. The new-age products aim to make the world more flexible and efficient.

Our key strength lies in the well-upheld quality standards and constant innovation to evolve with the evolving times. With our extensive range of products, technologies and innovations, the steadfast agenda is to serve our consumers globally.

The backbone of our products is the proficient knowledge of different chemistries such as epoxy, silicones, acrylics, cyanoacrylates, UV cure, PVC, etc. Additionally, after meticulous market research, we have developed a deep understanding and insight concerning the needs of the consumers, which in turn enables us to design products that meet their needs in almost every segment of usage.

We ensure good manufacturing practices, segregation of production facilities for every grade and the latest control systems that contribute to the consistency of our products.

Astral Adhesives products stand for quality and reliability, and to fulfil consumer needs, we market our products in about 42 brands, 151 sub-brands and more than 600 SKUs through a wide network of distributors, all over the country.

**BOND SET**

**BOND TITE**

**RESIBOND**

**ResiQuick**

**SOLVOBOND**

**RESCUETAPE**



BONDTITE PRO | 01



BONDTITE WHITE PASTE | 04



BONDTITE FAST & CLEAR | 02



BONDTITE SUPER STRENGTH | 03



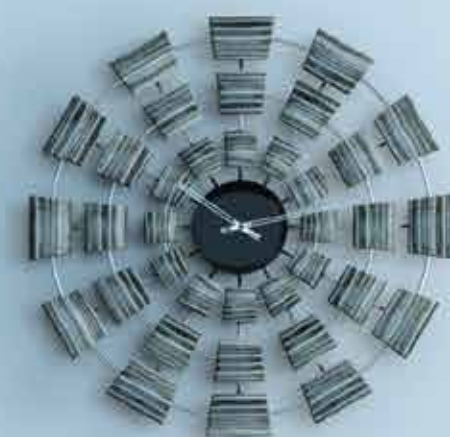
BONDTITE UNIWELD | 05



FILL X MARBLE | 06









# MULTIPURPOSE & ALL WEATHER RESISTANT EPOXY ADHESIVE



## BOND TITE PRO

NEW GENERATION EPOXY ADHESIVE

Bondtite PRO is a new generation, high performance, room temperature curing, two-component epoxy adhesive system. It has very high-impact strength as well as shear strength and is used for bonding various similar and dissimilar materials such as metals, ceramics wood, leather, rubber, marble, glass, etc.

### ADVANTAGES



Less clamping time



High bonding strength-Bonds forever



UV resistant-Suitable for external applications



Vibration resistant-Impact resistant



More coverage-Reduces application cost



Fast-setting-More productivity



Food grade adhesive

### TECHNICAL INFORMATION

COMPONENT	PART-A	PART-B
Physical state	Viscous liquid	Viscous liquid
Appearance	Transparent	Transparent
Color	Colorless	Pale yellow
Viscosity @ 25°C (cps)	10,000-20,000	10,000-20,000
Potlife @25°C (100 gm Mass) (min)	70-80	
Impact Resistance	> 105 J/M	
Clamping time	4 hrs	
Full Cure	24 hrs	
Mixing Ratio (R:H) (By weight)	100:80	
Shore-D-Hardness (@ 25°C (After 24 hours)	75-80	
Lap shear strength (@25°C, after 24 hours) (Kg/cm <sup>2</sup> )	120-150	

### COVERAGE

50-55 Sq ft/kg



### USAGE

- Marble / Granite / Stone fixing inside and outside building
- Suitable for high-vibration areas like Railway Station / Metro Station / Industry
- Woodworking like Wood to Wood, Wood to Marble and Wood to Glass bonding
- Grouting of Railings
- Speaker manufacturing & repair

### SHELF LIFE

24 months from the date of manufacturing

### PACKING

**TUBE**  
36 gm | 90 gm | 180 gm  
**CONTAINER**  
450 gm set | 1.8 kg set



# FAST SETTING TRANSPARENT EPOXY ADHESIVE



## BOND TITE FAST & CLEAR

FAST SETTING COLORLESS TRANSPARENT ADHESIVE

BOND TITE FAST & CLEAR is a “5 min” high strength, two-component, transparent epoxy adhesive system. It can be used as an adhesive for a wide range of materials or as a versatile filler for gap bonding, surface repairs and to bond various substrates like metal, ceramic, wood, chrome, concrete, marble, glass, fiberglass, tiles, etc.

### ADVANTAGES



Fast curing



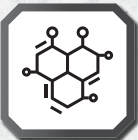
Colorless and transparent bond line



Bonds even at low temperature



More productivity due to 5 min setting time



Thicker formula for vertical applications



Food grade adhesive

### TECHNICAL INFORMATION

COMPONENT	PART-A	PART-B
Physical state	Viscous liquid	Viscous liquid
Appearance	Transparent	Transparent
Color	Colorless	Colorless
Viscosity@ 25°C (cps)	60,000-80,000	30,000-40,000
Potlife @25°C (100 gm Mass)(min)	3-5	
Clamping time	1-2 hrs	
Full Cure	24 hrs	
Mixing Ratio (R:H) (Byweight)	100:100	
Shore-D-Hardness (@ 25°C (After 24 hours)	80-85	
Lap shear strength (@25°C, after 24 hours) (Kg/cm²)	60-80	

### COVERAGE

40-50 Sq ft/kg



### USAGE

- For colorless and transparent Glass to Glass bonding
- Glass to Metal, Wood, Tile and various substrates
- Marble molding application
- Automobile repair application

### SHELF LIFE

24 months from the date of manufacturing

### PACKING

#### TUBE

3 gm | 6 gm | 13 gm | 36 gm  
90 gm | 180 gm | 270 gm

#### CONTAINER

500 gm set | 1 kg set | 2 kg set



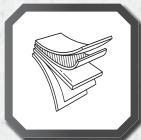
# STANDARD EPOXY ADHESIVE



## BOND TITE SUPER STRENGTH STANDARD EPOXY ADHESIVE

Bondtite Super Strength is a high strength, two-component epoxy adhesive system. Bondtite Super Strength bonds similar and dissimilar substrates. It is a perfect adhesive for most of the industrial and construction applications.

### ADVANTAGES



Can bond multiple substrates



Extremely high bond strength



Low shrinkage & high coverage



High working time & open time



Food grade adhesive

### TECHNICAL INFORMATION

COMPONENT	PART-A	PART-B
Physical state	Viscous liquid	Viscous liquid
Appearance	Opaque	Transparent
Color	Milkywhite	Paleyellow
Viscosity@ 25°C (cps)	45,000-55,000	35,000-45,000
Potlife@25°C (100 gm Mass)(min)	50-60	
Clamping time	8-10 hrs	
Full Cure	24 hrs	
Mixing Ratio (R:H) (Byweight)	100:80	
Shore-D-Hardness (@ 25°C (After 24 hours)	75-80	
Lap shear strength (@25°C, after 24 hours) (Kg/cm²)	100-120	

### COVERAGE

40-45 Sq ft/kg

### USAGE

- Fixing of Marble & Granites in Kitchen, Bathroom and Window Frames
- Staircase Moulding
- Woodworking like Wood to Wood, Wood to Marble and Wood to Glass bonding.
- Bonding of Cooling Coils to freezers in Refrigerator
- Various fixing and repair applications
- Metal to Metal bonding in Automotive & Fabrication work
- Hardwood Handicraft application
- Dry wall cladding of Engineered/Sintered Marble

### SHELF LIFE

24 months from the date of manufacturing

### PACKING

#### TUBE

3 gm | 7 gm | 13 gm | 36 gm  
90 gm | 180 gm | 270 gm

#### CONTAINER

450 gm set | 1.8 kg set





# WHITE COLORED EPOXY SYSTEM



## BOND TITE WHITE PASTE

WHITE COLOR FILLED EPOXY SYSTEM FOR MARBLE

Bondtite White Paste is a two-component, white color filled epoxy system specially developed for bonding white marbles and marble to dissimilar substrates like marble, ceramic, metal, glass, fiberglass, etc. It is water-resistant and has no problems of shrinkage, migration, pull away, etc.

### ADVANTAGES



Excellent strength



Dry cement pigment can be added to achieve desired color



No shrinkage



Easy to sand & drill



Bonds multiple substrates



Food grade adhesive

### TECHNICAL INFORMATION

COMPONENT	PART-A	PART-B
Physical state	Viscous liquid	Viscous liquid
Appearance	Opaque	Opaque
Color	Superwhite	White
Viscosity@ 25°C (cps)	150000-200000	100000-140000
Potlife @25°C (100 gm Mass) (min)	40-50	
Clamping time	8-10 hrs	
Full Cure	24 hrs	
Mixing Ratio (R:H) (Byweight)	100:100	
Shore-D-Hardness (@ 25°C (After 24 hours)	75-85	
Lap shear strength (@25°C, after 24 hours) (Kg/cm²)	80-100	

### COVERAGE

30-35 Sq ft/kg



### USAGE

- Various Marble working applications
- Making & repairing White Temple, White Marble work, etc.
- For sealing core cutting area of PVC pipe and Concrete

### SHELF LIFE

24 months from the date of manufacturing

### PACKING

#### TUBE

50 gm | 320 gm

#### CONTAINER

2 kg set | 10 kg set



# FAST CURING ACRYLIC ADHESIVE

## BOND TITE UNIWELD

FAST CURING ACRYLIC ADHESIVE

Bondtite Uniweld is a high strength, two-component, high technology adhesive system. This system is designed for applications where extremely high bond strength is required. It bonds various similar and dissimilar substrates such as metals, rigid plastics (ABS, PVC, PU, Polycarbonate), FRP, Ferrite, Ceramic, Wood, Leather, Rubber, Marble, Glass, etc. This system has unique property of achieving high bond strength even if the surfaces to be bonded have traces of oil.

### ADVANTAGES



Fast curing



High bond strength on different substrates



Vibration resistance



No surface preparation is required



No mixing of resin and hardener is required

### TECHNICAL INFORMATION

COMPONENT	PART-A	PART-B
Physical state	Viscous liquid	Viscous liquid
Appearance	Transparent	Opaque
Color	Colorless	Colorless
Viscosity@ 25°C (cps)	3000-3200	9,000-10,000
Potlife @25°C (100 gm Mass)(min)	3-5	
Hardening time	1-2 hrs	
Full Cure	12 hrs	
Mixing Ratio (R:H) (Byweight)	100:100	
Lap shear strength (@25°C, after 24 hours) (Kg/cm <sup>2</sup> )	150-180	

### COVERAGE

30-35 Sq ft/kg



### USAGE

- Ideal product for Speaker manufacturers
- Adhesive for different kind of plastics like ABS, PVC, PU, Polycarbonate, etc.
- For bonding Ferrite, Ceramic, Wood, Leather, Rubber, Marble, Glass, etc.

### SHELF LIFE

18 months from the date of manufacturing

### PACKING

#### TUBE

3 gm | 7 gm | 13 gm | 36 gm | 60 gm  
90 gm | 180 gm | 270 gm

#### CONTAINER

500 gm set | 2 kg set



# POLYESTER FILLS FOR MARBLES

## FILL X MARBLE

TWO-COMPONENT POLYESTER PUTTY

Fill X marble is an excellent system for fast repairing of marble pitting, cracks, staircase marble moulding repairing and marble bonding. It is available in liquid as well as mastic (knife grade) consistency which can work for horizontal as well as vertical applications. It is also available in variety of colors like Transparent, Ivory and White which gives a natural finish to marble and stone. Color paste can be added to give desired shades.

### ADVANTAGES



Smooth finish, good sand ability



Available in both liquid and paste



Available in a variety of colors



Fast hardening



Polishable



UV-Resistant

### TECHNICAL INFORMATION

COMPONENT	VALUE
Mixing Ratio (R:H) (By weight)	100 : 3 (Filled) & 100 : 5 (Transparent)
Cure Time @ 25°C (min)	3-5 min
Tack free time@ 25°C (min)	5-15 min
Brittleness time @25° (min)	30 min
Sanding Time @ 25°C	After 30 min
Shore-D-Hardness (@ 25°C (After 24 hours)	70-80
Compressive strength (@25°C, after 24 hours) (Kg/cm <sup>2</sup> )	60-80
Color	White, Ivory, Tranparent (Special colors are available based on request)

### USAGE

- For gluing and filling of small middle and large size holes or fissures of Artificial & Natural Stone
- Fill X Transparent used for filling cracks and finish the surface of light, white, transparent crystalline natural stone, Thassos, Carrara, Onyx, Palissandra, Estremoz, etc.

### SHELF LIFE

12 months from the date of manufacturing

### PACKING

500 gm set | 1 kg set | 1.5 kg set

