



# ASACHEM (M) SDN. BHD. (Co. No.: 1992-0101-5904)

3, First Floor, Jalan Seksyen 3/8, Kajang Utama, 43000 Kajang, Selangor, Malaysia.

Tel : 603 - 8734 5998

Website: [www.asachem.com](http://www.asachem.com)

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## ASACOAT MT 1289 A/B

**DESCRIPTION** : ASACOAT MT 1289 A/B is a moderately reactive room temperature with two-component liquid epoxy system that is specially designed for Medium-setting, paste-like after mixing as reactive resin with cycloaliphatic amine.

**substrate** : ASACOAT MT 1289 A/B is designed for fast laminating or coating process in composite application or laminating application with Expanded Polystyrene (EPS), wood, ceramic and other materials.

**specialty** : ASACOAT MT 1289 A/B provide longer pot life and higher viscosity from ASAGLUE 1289 A/B.

This product is designed for use with liquid epoxy resins to give good to excellent against water, inorganic acids and alkalis; fair to good against organic acids; poor against solvents, particularly oxygenated solvents chemical resistant thermoset coatings with room temperature cure.

also can be use in adhesive and concrete patching.

**Remark** :

Second coat or top coat can be applied while gel time.

If environment temperature is higher and no moisture issue, the second coat can be applied sooner.

**Pretreatment Of Surfaces**

: The surfaces to be bonded or apply should be cleaned and degreased.

Maximum validity and bond strength is achieved by mechanically roughening and then degreasing the surfaces.

**Application**

- \* Maintenance sculpture coatings
- \* High gloss coatings
- \* anti-corrosion insulation paint
- \* concrete patching
- \* self-leveling
- \* castable
- \* laminated material
- \* Adhesives, caulks and grouts

**BENEFITS**

- \* Good chemical resistance
- \* Excellent water and corrosion resistance
- \* Excellent pigment and substrate wetting
- \* Longer pot life
- \* Excellent adhesion



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## As-supplied Properties :

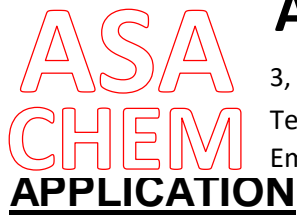
<u>ASACOAT MT 1289</u>		
	<b>A</b>	<b>B</b>
Appearance :	Transparent	Amber
Viscosity At 25 deg C :	low paste	0.8 - 1.5 Pa.s
Density at 25 deg C :	1.15 kg/l	1.0 Kg/L
Recommended Usage :	100 part	30 part
Mixing Ratio (by weight)		

## MIXED PROPERTIES

Appearance :	Coloured
Density at 25 deg C :	1.11 Kg/L
Viscosity At 25 deg C :	1.28 Pa.s
Pot Life @ 25°C (100gm mass) :	12 minutes
Curing Time @ 25°C :	1 hours
Full Curing Time @ 25°C :	7 days

## TYPICAL PROPERTIES

Hardness @ 25°C :	81 shoreness D
Flash point :	56 celcius
Bond strength :	7 N/mm2
Maximum Tg :	N/A
Water absorption (24h RT) :	N/A
Water absorption (2 Hours 100°C) :	N/A
Heat deflection temperature, :	N/A
Tensile strength, :	39 N/mm2
Tensile modulus, :	3.9 KN/mm2
Tensile elongation, :	1 %
Flexural strength, :	60 N/mm2
Flexural Modulus :	3.2 KN/mm2
Compressive Strength :	N/A N/mm2



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## **APPLICATION**

### **Mixing**

1.) Before Mixing, make sure **ASACOAT MT 1289 A/B** in the correct ratio **BY WEIGHT** and mix homogeneous thoroughly until a uniform mixture is obtained. **THIS IS IMPORTANT !**

2.) Heat buildup during or after mixing is normal.

To reduce the likelihood of exothermic reaction or excessive heat buildup, mix less than 13,000 grams at a time. Mixing smaller amounts will minimize heat buildup.

### **Applying**

1.) Surfaces should be clean and free from oil, grease and contaminants before painting/potting/casting.

2.) For previously painted surfaces, remove all unstable paint film, loose chalk, dust and foreign matter.

3.) Repair any surface defects with ASAPUTTY or ASACOAT product and clean off.

4.) Once the Epoxy is applied, the bonded parts should be held in contact until the part has developed handling strength. Fixturing can be removed at this point. Since the full bond strength has not yet been attained, load application should be small at this time.

### **Cleanup**

1.) It is important to remove excess epoxy from the work area and application equipment before it hardens.

2.) Denatured alcohol and many common solvents are suitable for removing uncured adhesives.

### **Storage**

At least 12 months from the date of manufacture .

The resin and hardener should be stored in original, unopened containers around 25°C.

**KEEP THE PACKING TIGHTLY SEALED WHEN NOT IN USE.**

Store in a cool, dry place, away from the direct sunlight.

Care should be taken to avoid storage environments resulting in moisture contamination.

Exposure to moisture causes an increase in viscosity and reactivity.

### **Disclaimer**

The information given in this data sheet is based on the present state of our knowledge and any conclusion and recommendation are without liability on our part. Buyers and users should make their own assessment of our products under their own conditions and for their own requirements.