



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

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ASASIN 628 A ASAHARD 628 B

DESCRIPTION : ASASIN 628 A and ASAHARD 628 B is a two-component liquid epoxy system that is specially designed for Medium-setting, paste-like after mixing as reactive resin based on dimerized fatty acid and polyamines. This product is designed for use as resin adhesive for bonding with metals, wood, ceramic, vulcanized rubber, rigid plastics and other materials. It provide shorter pot life and higher viscosity from ASASIN 628N A and ASAHARD 628N B.

This product is designed for use with solid or liquid epoxy resins to give tough, chemical resistant thermoset coatings with room temperature cure. Joint should be self-supporting after about 15 hours at room temperature and show good strength when fully cured on treated substrate.

Pretreatment Of joint Surfaces : The surfaces to be bonded or apply should be cleaned and degreased. Maximum bond strength is achieved by mechanically roughening and then degreasing the surfaces.

- Application**
- * Maintenance and marine coatings
 - * Tank and pipe linings
 - * High gloss coatings
 - * Masonry and pool coatings
 - * anti-corrosion insulation paint
 - * self-leveling floor coatings
 - * potting compound
 - * 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

As-supplied Properties

		<u>ASASIN 628</u>	
		A	B
Appearance	:	Transparent	Amber
Viscosity At 25 deg C	:	1.2 - 1.4 Pa.s	0.8 - 1.5 Pa.s
Density at 25 deg C	:	1.13 kg/l	0.9 Kg/L
Recommended Usage	:	100 part	100 part
Mixing Ratio (by weight)			



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MIXED PROPERTIES

Appearance	:	Amber
Viscosity At 25 deg C	:	1.4 Pa.s
Pot Life @ 25°C (100gm mass)	:	30 minutes
Curing Time @ 25°C	:	3 - 4 hours
Full Curing Time @ 25°C	:	7 days
Flash point	:	160 celcius

TYPICAL PROPERTIES

Heat deflection temperature,	:	75 °C
Tensile strength,	:	8,590 psi
Tensile modulus,	:	0.38 x10 psi
Tensile elongation,	:	3.7 percent
Flexural strength,	:	12,760 psi
Hardness,	:	83 shoreness D

APPLICATION

Mixing

Before mixing, make sure **ASASIN 628 A and ASAHARD 628 B** are properly stirred as there will be some sedimentation occurs. Combine **ASASIN 628 A and ASAHARD 628 B** in the correct ratio and mix thoroughly until an uniform mixture is obtained. **THIS IS IMPORTANT** ! Heat buildup during or after mixing is normal.

Applying

Surfaces should be clean and free from oil, grease and contaminants before painting. For previously painted surfaces, remove all unstable paint film, loose chalk, dust and foreign matter. Repair any surface defects and clean off.

Cleanup

It is important to remove excess epoxy from the work area and application equipment before it hardens. Denatured alcohol and many common solvents are suitable for removing uncured adhesives.

Storage

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.

Disclaimer

The information given in this data sheet is based on the present state of our knowledge and any



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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.