



# TILEMENT

## Spindle Pin

**SPINDLE TYPE FASTENER for HEAT and COLD INSULATION WORK**



### ADHESIVES to be used for FASTENING SYSTEM

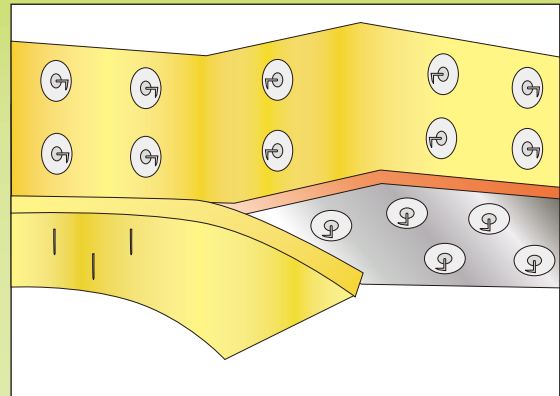
SP-50 (3 tubes included in each box)

Rapid curing adhesive exclusively developed for bonding spindle anchor to zinc-coated carbon steel and concrete. Most suited for hot and cold insulation and soundproof works.

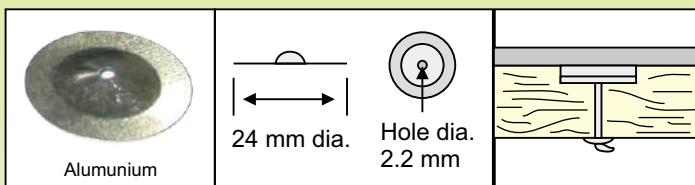
Adhesive	Main Component	Cure Time	Bonding Strength	Heat Resistance Temperature
SP-50	Synthetic Rubber	24 hours (20°C)	98~196/N	50~60°C
		48 hours ( 5°C)	10~20kgf/p'ce	

## Spindle - Specification

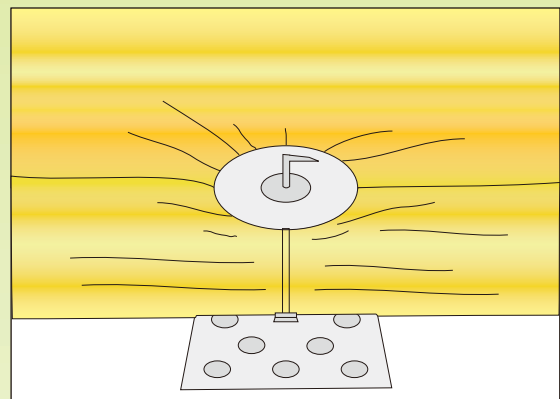
Material Length	Aluminium Alloy (soft)	Quantity Per Box	
		Spindle Pin	Adhesive SP-50
38mm	●	1.000 Pcs	3 tubes
65mm	●	1.000 Pcs	3 tubes
125mm	●	1.000 Pcs	3 tubes



## Spindle Washer - Specification



Applicable Spindle	Qty per Bag	Shipping Package
1.6~2.0 dia.	1.000 pcs	1.000x10



- The content of SP-50 is 200 g per one tube.
- Plate size : 24mm square for pin length of 25mm-75mm. 30mm square for pin length of 100mm and over.
- Plate thickness : 0.4mm for pin length of 75mm and under. 0.5mm for pin length of 100mm and over.
- Diameter of pin : 1.6mm dia. for pin length of 25mm-75mm. 2.0mm dia. for pin length of 100mm and over.
- The self-sticking type should be used for the temporary insulation.
- When the spindle is installed on the vibratory surface such as the air chamber, the vibrator might cause fatigue rupture on the spindle. Contact us for advice before you start job.
- Other type of Spindle pin (fastener) and adhesive are available upon request.



**PT. ASIA TIMUR MAKMURJAYA**

**SOLE DISTRIBUTOR INSULATION MATERIAL**

**FOR : ROOFING, DUCTING, CHILLER, REFRIGERANT**

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