



PRODUCT SPECIFICATION	Page :1
P-636 "KOYANAILS"	Revised edition no : 01
CONSTRUCTION ADHESIVE	Effective Date: 15-7-2014

### **Description:**

**P-636 "Koyanails" Construction Adhesive** is a construction panel adhesive that will not slump on vertical surfaces. It is suitable for interior and exterior general construction work. It offers excellent bond strength, flexibility, good temperature resistance and good slump resistance.

### **Recommended Uses**

Bonding wood, concrete, masonry, aluminium, steel, galvanized iron, fibrous cement sheet, gypsum board, floor panel and PVC. Suitable to use on foamed polystyrene, ideal for mirror installation.

### **Features**

- \* High bonding strength
- \* Nail free general construction adhesive
- \* Easy to apply
- \* Good water resistance
- \* Styrene safe
- \* Good slump resistance
- \* Good temperature resistance
- \* Cost effective

### **Specification**

Appearance	: Beige paste
Odour	: Light solvent smell
Viscosity	: Approx. 120,000 cps @ 25°C
Solid content	: Approx. 77%
Specific gravity	: 1.13 +/- 0.05 g/cm <sup>3</sup>
Service temperature	: -10°C to 85°C
Flammability	: Flashpoint -20°C

### **Application**

P-636 can be applied either by one-way stick adhesive or two-way contact. In both cases the first requirement is that both surfaces to be bond must be clean, dry and free of grease, oil or dust. Any loose or flaking paint must be removed and lightly sanded before application. Allow solvent to evaporate.

#### **1. One-way stick Adhesive Method**

This method is recommended for heavier panels.

Apply 4-6mm bead adhesive to one surface, beads should not be 45mm apart and butt joint be adhered on both surfaces. Bringing together with clamped, nailed or screwed to maintain maximum surface contact at bonded interfaces. Clean off excess adhesive with toluene.

Fastening can be released after 24 hours.

For flooring application, the adhesive should be applied to the flooring manufacturer's specifications. To stop floor squeaking, apply a bead of adhesive into the groove of each panel after it is laid and immediately prior to mating the tongue from the next panel.

---

#### **TLC-KOYA CHEMICALS MANUFACTURING SDN BHD**

No.22 & 23, Jalan Maju 1, Cemerlang Industrial Estate, 81800 Ulu Tiram, Johor, Malaysia.

Tel: 607-8675798 Fax: 607-8675799

Website: [www.koyachemicals.com](http://www.koyachemicals.com) EMAIL: [admin@koyachemicals.com](mailto:admin@koyachemicals.com)



PRODUCT SPECIFICATION	Page :2
P-636 "KOYANAILS"	Revised edition no : 01
CONSTRUCTION ADHESIVE	Effective Date: 15-7-2014

## 2. Two-way Contact Method

Apply adhesive to one surface and bringing substrate together. Press firmly over entire surface to transfer adhesive and then pull both surface apart. Allow to tack-off for 3-5 minutes. Reposition and press firmly together. Contact area should be tapped with hammer and padded block to ensure intimate contact. Maximum bonding will be taken for 12-72 hours to be reached. Some mechanical fastening may be retained for at least this period. Clean off excess adhesive with toluene.

## 3. Mirror Application

Mirror application is very critical for this adhesive, is advisable to have manual testing onto the mirror. We are not guarantee for the low quality mirror and wrong applying method.

## Curing Time

P-636 will bond maximum in approximately 12-72 hours depending on temperature and thickness.

## Limitations

Not suitable for PE, PP and PTEE materials.

## Packing & Colour

Packing : 215 kgs drum and 320 gm cartridge  
Colour : Beige  
Shelf Life : 12 months

## Note

All recommendations for use of our products, whether given by us in writing, orally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge at the time such recommendations are made. As additional information is learned, these recommendations may be updated. They may also be impacted by circumstances outside our control. Notwithstanding any such recommendations, the user shall remain responsible for satisfying himself that the product as supplied by us are suitable or his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot responsibility therefore. The user shall ensure that the intended use of the products will not infringe any third party's intellectual property rights.

---

### **TLC-KOYA CHEMICALS MANUFACTURING SDN BHD**

No.22 & 23, Jalan Maju 1, Cemerlang Industrial Estate, 81800 Ulu Tiram, Johor, Malaysia.

Tel: 607-8675798 Fax: 607-8675799

Website: [www.koyachemicals.com](http://www.koyachemicals.com) EMAIL: [admin@koyachemicals.com](mailto:admin@koyachemicals.com)