

# MITCHBOND ASP

Asphalt Amine Based Epoxy Adhesive

## DESCRIPTION

**MITCHBOND ASP** is a two part epoxy resin adhesive that will permanently bond together most building elements found within the Construction Industry. It has exceptionally high adhesive strength.

## ADVANTAGES

- Outstanding Adhesion
- Rapid Strength Development
- Bonds with Most Building Substrates
- Excellent Chemical Resistance

## USES

**As a general purpose adhesive. Ideally suitable for bonding timber battens to concrete, skirting boards to walls and floors that have been waterproofed, thereby avoiding the use of fixing nails. For the fixing of “cat eyes” to roadways and the placement of aluminum support legs when installing suspended flooring. Ideal for bedding kerb stones or coping stones to concrete or brickwork.**

## TECHNICAL INFORMATION

Typical Engineering Data @ 70°F (21°C) after 7 days Curing

<b>Compressive Strength</b>	<b>10000 PSI</b>
<b>Tensile Strength</b>	<b>7500 PSI</b>
<b>Flexural Strength</b>	<b>9000 PSI</b>
<b>Shore Hardness</b>	<b>74 Shore D</b>

**OVERLAY TIME** : 10 Minutes at 30°C

**POT LIFE** : 25 Minutes at 30°C

### Composition of Materials in Pack A (Kg/L)

Epoxy Resin	0.94
Titanium Dioxide	0.07
Colloidal Silica	0.05
Talc	0.345

### Composition of Materials in Pack B (Kg/L)

Modified Asphalt Amine Hardeners	0.712
Carbon Black	0.0022
Colloidal Silica	0.04
Talc	0.65

## METHOD OF APPLICATION

### SURFACE PREPARATION

Surfaces must be dry and free from grease, oil and other forms of contamination. Remove any loose materials. All metal surfaces must be degreased using **CLEANING SOLVENT**. For maximum performance thorough cleaning is imperative.

### MIXING AND APPLICATION

Empty the entire contents of Pack B (Hardener) into Pack A (Resin) and mix thoroughly but quickly over a period of 2 - 3 minutes. Mixing can be carried out by hand using a pallet knife or by electric drill and small paddle attachment. Ensure you reach the bottom and sides of the tin to thoroughly mix together both components. Having mixed the two components together use all material within 10 minutes.

Immediately after mixing apply by trowel, knife or scraper to one surface only. The elements being bonded are then pressed lightly together, if necessary, supporting this until the material has set, normally 10 - 15 minutes at normal room temperature. A longer period is required in colder weather.

### CURING

Full curing takes around 7 days.

### COLOUR

Grey (Mixed Product)

### SHELF LIFE

12 months in sealed container if stored below 35°C

### PACKAGING

Supplied in 6 Kg ready to use