

# 8000 Polyurethane Multipurpose Adhesive

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## DESCRIPTION

Polymer 8000 is a 2 part polyurethane adhesive

## FOR BONDING

Polymer 8000 may be used to bond vinyl, synthetic rubber, timber, and various outdoor floorings.

## TO

Most common building substrates including concrete, timber, and steel providing a bond highly resistant to water and most common chemicals.

## PREPARATION

All surfaces should be clean, dry, and free of grease, oil and other contaminants. Any laitance on the concrete should be removed by grinding with an acid type cleaner.

## MIXING

Polymer 8000 has been developed for ease of handling and mixing by the floor layer. The packs are accurately weighed by the manufacturer. Contents of Part B should be completely emptied into the Part A container and the two parts thoroughly mixed. The difference in colour between Parts A and B helps to indicate that mixing is complete.

## APPLICATION

It is most important that the suitability of the adhesive for any particular flooring be checked before using.

A small practical stick test by the layer or discussion with the manufacturer will ascertain the suitability.

After mixing and emptying the container onto the substrate the adhesive should be spread by notched trowel. For smooth backed materials, adhesive should be spread evenly with a "V" notched spreader with notches 1.6mm deep x 1.6mm spacings. Use 2.4mm notches for synthetic grass or other highly textured backed materials. The material should be laid into the wet film of adhesive. Polymer 8000 does not possess wet or dry tack properties – it relies upon the thickness of the adhesive film to hold down the material – should the material not tend to lay flat, eg; corner of studded rubber tiles peaking, then assistance should be given in holding down with weights until partial cure has been reached.

Curing time is very much related to temperature (below 7°C the cure is suspended) but generally speaking, the initial bond sets up within approx 12 hours and final cure is reached after 7 days. Over this 7 day period the bond gradually increases in strength.

## USEFUL HINTS

1. Use a paint stirrer in an electric hand drill for quick and easy mixing.
2. Chemical reaction in the mix generates heat which speeds the cure time and shortens the pot life of the two mixed components – if the whole of the mix is poured onto the floor and roughly spread around prior to correct trowelling this will dissipate some of the heat, make for ease of spreading and extend the pot life.

## TECHNICAL DATA

### PART A

<i>Appearance</i>	Grey paste
<i>Solubility</i>	Insoluble in water
<i>S.G.</i>	Approx 1.5
<i>Boiling Point</i>	>200 degrees C
<i>Flash Point</i>	>100 degrees C

### PART B

<i>Appearance</i>	Dark Brown Liquid
<i>Solubility</i>	Negligible
<i>S.G.</i>	Approx 1.2
<i>Boiling Point</i>	Not Available
<i>Flash Point</i>	>200 degrees C

## CONTAINER SIZE

10 kg unit Plastic Pails  
Part A = 8.40kgs  
Part B = 1.86kgs

## COVERAGE

Smoothback materials (studded rubber etc) approx 2m<sup>2</sup> per kg. Synthetic grass and carpet or other rough backed materials approx 1 – 1.5m<sup>2</sup> per kg

## CLEAN UP

Polymer 8000 is very difficult to remove from any surface once cured. Clean up any excess adhesive immediately with alcohol or white spirit. Clean tools immediately with soapy water.

## SAFETY AND HANDLING

Refer to Material Safety Data Sheet.

## STORAGE

Use in well ventilated area. Keep container closed. Store away from sources of heat.

Disclaimer: Information given on this data sheet, is to the best available knowledge of the manufacturer, true and correct. However owing to the diverse nature of applications, conditions, and materials used, no guarantee either expressed or implied, can be given.

Enquiries should be directed to Gilt Edge Industries.  
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