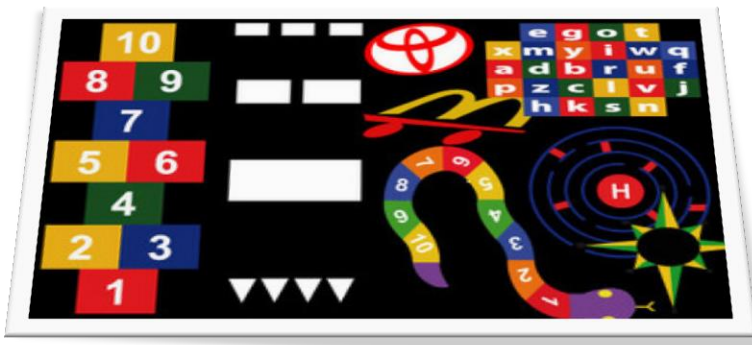


## Preform Thermoplastic

Paving the Way to  
a Sustainable  
Future



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FOR  
OUR**



## PRODUCT INFORMATION

# PREFORM

## Preformed Thermoplastic Road Marking

### Description

Preform is an easy to apply and fast drying permanent thermoplastic road marking. Ideal for small areas or detailed symbols. Preform is available in cut lengths, rolls, numbers, symbols and in specially made and multi-coloured designs for company or club logos. White Preform contains premixed glass beads to give reflective properties in use.

Preform can be applied by one person using a gas flame torch making it ideal for making good road reinstatements, for sites with difficult access and for small jobs.

Adbruf's Preform is factory manufactured to give very precise edge definition and superior and consistent symbol creation, minimising the scope for on-site error.

### Uses

- New highway markings
- Highway utility reinstatements
- Car Parks
- Cycle paths
- Office and factories
- Playgrounds
- Hard sports surfaces
- Footpaths
- Airports
- Ports
- Railway stations
- Company logos

### Benefits

- Easy to apply – requires only one person and a gas flame torch

- Precise and consistent line and symbol definition due to off-site factory manufacture.
- Available in precut lines, rolls, numbers, letters, symbols and multi-coloured bespoke designs
- Surface can be returned to use within minutes
- Permanent – as good as conventional liquid-applied thermoplastic
- Long lasting
- White Preform Includes highly refractive glass beads for high visibility

Technical	
White (BS EN 1871)	Specification
Initial Properties	
Luminance Factor	≥70
Softening Point (°C)	≥80
After Heat Stability Test	
Luminance Factor	≥70
Softening Point (°C)	≥80
(BS EN 1436)	
Retroreflectivity (Initial Mcd's)	≥100
Skid Resistance	≥45
Density (g/cm <sup>3</sup> )	2.0 ±0.1



# ADBRUF

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# PRODUCT INFORMATION - PREFORM

Colours
White Reflective
Yellow
Primrose
Red
Blue
Green
Black

Some of the Preform markings available, visit [www.adbruf.com](http://www.adbruf.com) to view complete range.

White reflective and non-reflective yellow are the standard Preform colours with other colours such as primrose, red, blue, black, green and others available to order.

## Surface Preparation

The road surface should be asphalt, concrete or similar hard material and in good condition, free of cracks or other means of water or dirt ingress. Clean any dirt from the surface using a brush or HCA lance if available as any residual dirt will compromise adhesion. If necessary, the surface should be degreased. When applying Preform to concrete it is advisable to primer first using Adbruf's Preform Primer.

## Product Application

Preform should be handled carefully, particularly when very cold. For ease of application and best results, keep Preform at room temperature before use on site. Avoid applying over existing coatings. The surface must be dry. Using a gas flame torch, gently heat the surface using a back and forth motion to get even, gradual heating. Try to avoid overheating bitumen bound substrates as the bitumen may 'bleed', causing discolouration.

If supplied with a film coating, gently peel this from the Preform and position the marking on the preheated surface. Position any adjoining markings so that there are no gaps. Using a moderate flame, gently and evenly heat the material using a back and forth motion. The Preform will melt but it is important to continue heating until it has fully melded into and bonded to the substrate. Ensure all areas are treated similarly.

If initial retroreflectivity is required, using an appropriate applicator, approved glass beads can be applied to the molten surface. Similarly, an anti slip/skid dressing of aggregate or crushed glass can be applied if required. After cooling, check that the Preform has adhered at various points by attempting to lift it from the substrate. If adhesion is not achieved, Preform should be reheated until it is.

## Aftercare

No aftercare is normally necessary. Preform can be cleaned with a detergent solution and a brush if required.

## Packaging and Storage

## Health & Safety

Please see separate Material Safety Data Sheet for details.

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# PREFORM PRIMER

## Road Marking Primer

### 1. Description

An effective solvent based primer for bonding preformed thermoplastic materials to concrete and worn bituminous surfaces. Preform Primer is specially formulated from selected high quality raw materials. Its low viscosity facilitates deep penetration into substrates. Its rapid development of tack means preformed materials can be applied quickly. Preform Primer can be applied by spraying, by brush or by roller.

### 2. Uses

To improve the adhesion of thermoplastic materials to:

- Concrete
- Worn asphalt or other bituminous surfaces

### 3. Benefits

- Excellent adhesion enhancement
- Fast drying
- Easy to apply

### 4. Technical

<b>Coverage</b>	Approx 10m <sup>2</sup> per litre @ 66-83 microns wet film thickness dependent upon texture and porosity of substrate.
<b>Specific Gravity (SG)</b>	Approx 0.91
<b>Flash Point</b>	7 °
<b>Application Surface Temperature</b>	1 - 50 °C
<b>Drying Time</b>	Tacky and ready for use in 4 - 5 minutes @ 21 °C. Overcoating can be carried out after 30 minutes if desired.

### 5. Colour

Light brown transparent liquid.

### 6. Surface Preparation

The substrate must be sound, clean, dry and free from any contamination including dust, dirt, oil, grease, laitance and curing agents. Particular attention should be given to ensuring the surface is free from salt, ice and moisture when applying at temperatures below 4 °C. Do not apply to uncured concrete.

### 7. Product Application

Application is by spray, brush or roller. Ensure that the Material Safety Data Sheet (MSDS) has been read and understood. Shake well before use. The prepared surface must be totally covered with a thin, even coating of Preform Primer. Never pour onto the surface. Ensure Preform Primer is thoroughly tacky before

applying subsequent materials. Apply the Preform as per its own separate Product Information sheet. It is always advisable to try a test area first before proceeding with the main application.

### 8. Aftercare

Not required.

### 9. Packaging and Storage

Preform Primer is supplied in 25 litre steel drums.

Store in a cool, dry, well-ventilated place.

Keep away from sources of ignition.

No smoking.

Storage and use must comply with the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972.

Up to 50 litres may be kept in a workroom provided that it is in a fireproof cupboard or bin. Larger quantities must be kept in a separate storeroom conforming to the structural requirements of the regulations.

Shelf life is 3 years under normal conditions.

### 10. Health & Safety

Preform Primer contains flammable solvents.

Keep away from sources of ignition.

No smoking.

See separate Safety Data Sheet.

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