

Preformed  
Thermoplastic



## Ready to use prefabricated thermoplastic

PREMARK™ is a non-toxic prefabricated thermoplastic material that can be cut to provide any size and shape of sign, lettering or marking. The material is free of heavy metals, lead and chromates and includes only materials that are organic, acquired from sustainable sources and recycled in-house. PREMARK has regularly been selected as the material of choice for prestigious projects, owing to its ability to retain its colour and material performance and being truly flexible, in terms of design. PREMARK conforms with all current UK and European highways standards.

PREMARK is manufactured under a strict quality and environmental policy, guaranteeing performance and whole-of-life cost benefits to the end user. The material is available in a range of highway approved shades and can be installed on most solid surfaces. Designed specifically for asphalt, the material can be installed on brick, stone and concrete when using a primer. PREMARK is available in sheet, line and a wide range of prefabricated signs to suit your needs.

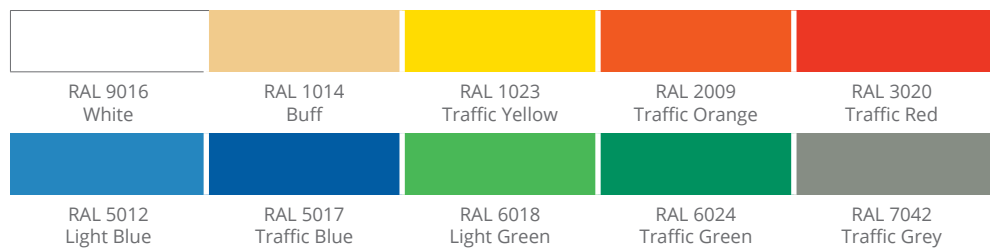


**Product Description**

PREMARK is a preformed thermoplastic material, containing an intermix of fine aggregate binders and recycled glass beads throughout, providing a level of skid resistance and retro-reflectivity, conforming and often exceeding, current UK and European regulations (EN 1436:2007). The material is installed using a standard propane lance, directly to well maintained asphalt, or to concrete and other stone surfaces, via PREMARK or Viaxi™ Primer. The material can be fabricated to form shapes, signs and all manner of traditional road markings, in accordance with the Traffic Signs Manual and General Directions Act 2016 (TSRGD 2016). PREMARK is an environmentally safe material, comprising of organic pigments, recycled and sustainable raw materials and is free of lead, chromates and heavy metals.

**Technical Characteristics**

PREMARK is available in a range of highway approved colours. Other colours are available but are subject to minimum production quantities. Our primarily requested colours are as follows;



**Skid Resistance** PREMARK contains an intermix of fine aggregates and recycled glass bead plus a 'drop-on' highly reflective glass grain to the upper surface. It is our recommendation that a small quantity of glass bead is broadcast across the surface during installation, as this will assist with early life skid resistance, as the bead has a tendency to sink into the thermoplastic during installation. Final skid resistance is determined by the application method, road surface profile and texture, general wear and the location of installation. If these materials are installed as recommended, the measured pendulum test value is expected to be >55 PTV.

**Retro-reflectivity** Once installed, retro-reflectivity is measured at >150mcd/m2lx. This is the same for newly installed and subject to normal levels of wear and tear. The EN1436:2007 classification is R3.

**Storage**

Please ensure that all materials are stored flat and dry at temperatures above 2°C. It is advised that the material is stored off the ground, on pallets or shelving, for example. It is also recommended that the material is stored in an area not exposed to excessive sunlight, or near areas of high temperature, such as next to a radiator or other heat source. Ensure all open packs are resealed to avoid oxidisation from exposed daylight.

**Packaging**

PREMARK is available in packs of 5 no. sheets 1000mm x 600mm (3m<sup>2</sup> per pack) or in packs of line 1000mm x 50mm, 75mm, 100mm, 150mm, 200mm or 300mm in width.

**PREMARK Primer** is available in 5 litre tins

**Viaxi Primer** is available in a 380ml cartridge or a 3.5kg tin, for larger areas.

**UCme™** 850-125 NC3/1 Drop-on glass bead is packed in 20kg sacks