

IKO PERMATRACK H 35% 6mm

PRODUCT INFORMATION

IKO Permatrack H is a high modulus mastic asphalt material for use in expansion joint and highway repair systems. When used in conjunction with IKO PSB, this gives a system with both low temperature flexibility and a high resistance to deformation

Permatrack H is a mastic asphalt manufactured from selected SBS modified bitumen, Trinidad Lake Asphalt, limestone filler and specially graded aggregates. Permatrack H is designed for use in various highway repair systems such as inlaid crack, pothole repair and ironwork reinstatement systems. Permatrack H is also used as part of an SA1 registered expansion joint system giving movement of +20mm

Product	Product Code	Size	Qty/Pallet
Permatrack H + 35% 6mm Hot Charge	77050ICR	Made to order	Made to order
Permatrack H blocks	77040ICR	20Kg	80
6mm granite	39983100	25Kg	50

INDEPENDENT ACCREDITATION



USE

Used in conjunction with IKO Permatrack PSB and IKO Quick Dry Primer to give good bond strength to Asphalt, concrete and metals,

The product carries a **Declaration of Performance Certificate** and is **UK Conformity Assessed**.

Typical Properties

Indirect Tensile Stiffness Modulus - >2400MPa
Wheel Track @ 45°C – WTS_{AIR} < 0.30
 - RD_{AIR} < 7.0

Tensile Adhesion:

- Primed Concrete: 0.5Nmm²
- Asphalt (unaged): 0.9Nmm²
- Asphalt (aged): 0.7Nmm²
- Primed Steel: 0.4Nmm²

INSTALLATION

The product/system is installed only by contractors registered by IKO Ltd.

DENSITY

The mass per unit area of mastic asphalt varies due to a number of factors such as the differing proportions of constituents and the nature and quantity of coarse aggregate added. For practical and load calculation purposes the mass of the mastic asphalt can be taken to be 2.4Kg/m² per millimetre of thickness or 2.4 tonnes per cubic metre.

THICKNESS

Installation thicknesses will vary depending on the system Permatrack is being used in. For more information, please contact IKO for dedicated system advice

SURFACE MACROTEXTURE

The Permatrack H on its own does not provide a surface macrotexture but requires bitumen coated chippings of a specific size and min 65 PSV (Polished Stone value) , max 10 AAV (Aggregate Abrasion Value) to be embedded into the surface.

Unless otherwise specified by the purchaser, the mastic asphalt for highways , while still warm and in a plastic condition, should be covered with a layer of coated chippings.

The chippings should be evenly distributed at a rate of:

6mm chippings at a spread rate of 6.0Kg/m² to 7.5Kg/m²

14mm chippings at a spread rate of 7.5Kg/m² to 10Kg/m²

20mm chippings at a spread rate of 10kg/m² to 13.0Kg/m²

The chippings should then be lightly rolled into the surface of the asphalt by means of a suitable hand or mechanical roller.

When the chippings are being spread, the channels against kerbs should be covered by battens, not less than 150mm wide, so as to ensure that a smooth channel is maintained to facilitate the flow of surface water to the gullies.

When used with the appropriate surface finish the system can achieve an initial texture depth in excess of 1.5mm and retained texture depth after rutting to a depth of 5mm in excess of 1.0mm.

PERFORMANCE

For key product performance characteristics, please refer to the [IKO Declaration of Performance \(DoP\)](#)

DURABILITY

Permatrack H carries an expected service life of 3-5 years depending on application.

DISCLAIMER

Whilst every precaution is taken to ensure that the information given in this literature is correct and up to date it is not intended to form part of any contract or give rise to any collateral liability, which is hereby specifically excluded.

IKO reserve the right to amend and/or withdraw this document without notice.

Intending purchasers of our materials should therefore verify with the company whether any changes in our specification, application details, withdrawals or otherwise have taken place since this literature was issued.