

## IKO Roofstar RD (Recreational Duty)

### Product Information

IKO Roofstar RD is a specially formulated mastic asphalt roofing, for use as the final horizontal coat in external applications subjected to pedestrian traffic without point loading.

IKO Roofstar RD contains a higher percentage of coarse aggregate than standard grades of mastic asphalt roofing negating the need for additional coarse aggregate to be added on site.

IKO Roofstar RD is supplied in nominal 20 kg blocks. Alternatively, IKO Roofstar RD can also be supplied directly to site in purpose built hot charge transporters capable of holding up to 18 tonnes of molten material.

	Product Code
Block (20kg)	4106000
Hot Charge	5106000



### Vapour resistivity

The Vapour resistivity is very high and can be assumed to be not less than 100,000 MN/g.

### Resistance to water

IKO Roofstar RD is impervious to water.

### Resistance to movement

IKO Roofstar RD is thermoplastic and is capable of accommodating normal movements encountered in well-designed building structures.

Structural movement joints within the roof will require the incorporation of a proprietary expansion joint which is compatible with a mastic asphalt roof waterproofing system.

### Slip Resistance

Sand Rubbed Finish (BS8218:1998 6.8.2):

TRRL Rubber (dry): 84

TRRL Rubber (wet): 55

### Use

IKO Roofstar RD is suitable for use on access decks, walkways, drying areas and playing areas where regular foot traffic is anticipated. It is designed to be laid to horizontal areas as a 15mm thick 2<sup>nd</sup> coat on top of a 10mm thick 1<sup>st</sup> coat of IKO Roofstar mastic asphalt roofing.

### Features & Benefits

- Excellent wearing properties against foot traffic
- Completely seamless waterproofing
- Long term durability
- Good product stability across a wide temperature range
- Traditional application
- Manufactured under a BS ISO 9001 Quality Assurance Scheme

## Durability

A mastic asphalt roof, properly designed and maintained, can be expected to provide many years of trouble-free service. Good design can also extend the life of a mastic asphalt roof. *“Mastic Asphalt roofing properly designed and laid should be capable of lasting 50-60 years.” BRE Digest 144.*

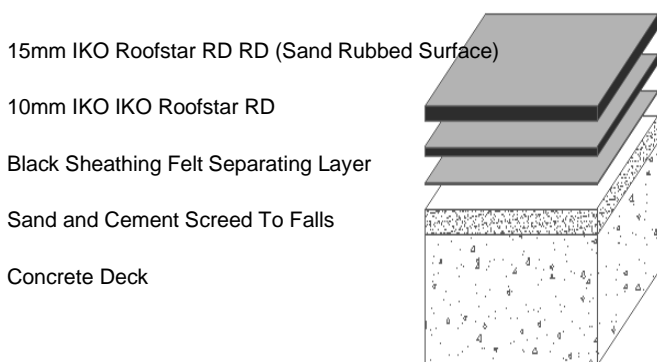
## Application

IKO Roofstar RD should be installed generally in accordance with IKO installation instructions, BS 8218: 1998 and BS 8000:Part 4, on to . Structural decking should comply with the recommendations in BS 6229 (flat roofs with continuously supported coverings) and be laid in accordance with the relevant codes of practice.

IKO Roofstar RD blocks should be re-melted in a purpose made asphalt mixer. When it has attained a molten condition it should be agitated continuously to ensure a uniform consistency. When re-melting do not exceed a maximum temperature of 230°C.

IKO Roofstar RD is applied using a wooden float to a uniform thickness. IKO Roofstar RD is designed to be laid to horizontal areas as a 15mm thick 2<sup>nd</sup> coat on top of a 10mm thick 1<sup>st</sup> coat of IKO Roofstar mastic asphalt roofing.

Associated detail work should be carried out using IKO Roofstar mastic asphalt roofing in accordance with the relevant codes of practice, and IKO specifications.



**Figure 1 – Typical Specification**

## Surface Protection

The finished IKO Roofstar RD surface must be sand rubbed to reduce the incidence of crazing and provide slip resistance.

## Resistance to loading

IKO Roofstar RD can accept, without damage, foot traffic and light concentrated loads associated with installation, maintenance operations and light pedestrian traffic in service.

Where point loads are anticipated, such as a balcony or terrace, suitable promenade tile surface protection must be used.

## Maintenance

As with all roofing systems, proper maintenance is essential to the long-term performance of mastic asphalt roof installation.

Mastic asphalt coverings should be inspected twice yearly, preferably in the spring and autumn, and/or after extremes of weather conditions.

Inspections should be carried out generally in accordance with BS 6229

## 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.