

IKO Easy Melt (Bonding Bitumen)

Technical Data Sheet

April 2024

PRODUCT INFORMATION

IKO Easy-Melt is a modified bonding bitumen, supplied in easy to handle 10kg blocks. Easy-Melt Bonding Bitumen requires less heat to achieve the optimum laying temperature and provides excellent performance and greater efficiency. Its shrink-wrapped block format also offers safer handling and reduced waste on site.

Easy-Melt Bitumen is hot applied, and is used for bonding roofing membranes to themselves, insulation materials and vapour control layers to a wide variety of substrates. Easy-Melt should be installed in accordance with the requirements of BS 8217:2005 / BS 8000:Part 4, on roofs not exceeding 5° pitch.

Easy-Melt Bonding Bitumen is broken into pieces and placed straight into the bitumen boiler, including the polyethylene wrapper. There is no packaging to dispose of.

Product Code	9795D610
Pack Size	80 Blocks per pallet

APPERANCE AND PERFORMANCE

Softening Point:	100-115°C
Penetration:	<20
Flash Point:	270°C
Weight:	10kg
Use:	Bonding
Coverage (kg/m ²):	1.5 – 2.0



FEATURES AND BENEFITS

- High quality general purpose hot bonding bitumen
- Normal working temperature 200°C (do not heat above 220°C)
- Easy to handle 10kg shrink-wrapped blocks.
- One quarter of the weight of conventional kegs
- Requires less heat to achieve usage temperature.
- Melt-away packaging • Economical to store.
- Heated in standard bitumen boiler

APPLICATION

Roofing felts should be applied in accordance with the requirements of BS 8217: 2005. It is recommended that the guidelines laid down in the FRA information sheet No. 18 (Code of practice for safe handling of hot bitumen for roofing purposes) are followed for the use of Easy-Melt Bonding Bitumen.

The roof area to be covered must be dry and clean, free from dust, dirt, grease, or any other material, which may impair adhesion. Structural repairs should be made where necessary.

Prime any absorbent surfaces using IKOpro Quick Dry Bitumen Primer in accordance with the relevant application instructions. It is essential that the primer is allowed to thoroughly dry before hot bitumen is applied over it.

On plain edge or tongue and groove timber boarded decks it is normal practice to fix the first layer of felt by nailing, not bitumen bonding.

Easy-Melt Bonding Bitumen should be broken into small lumps, put into a bitumen boiler, and stirred to prevent local overheating. More should be added until there is sufficient molten adhesive for the work in hand and the bitumen attains its normal working temperature of 200°C. The use of a thermostatically controlled boiler is recommended to ensure the bitumen is not overheated. Do not heat Easy-Melt above 220°C.

Traditional pour and roll methods for bonding built-up roofing should be as follows. Hot bitumen is poured (or applied by a mop) in front of the roofing roll, which is then unrolled into the bitumen, spreading it to give a continuous coating for the full width. Side and end laps should be in made accordance with the manufacturer's instructions.

Note: Excess bitumen from clean lap finishes etc. which may be contaminated with water and or paste, should not be put back into the boiler for re-heating.

Only trained operatives should use hot bitumen. Always wear gloves and suitable personal protection equipment.

STORAGE AND SHELF LIFE

Store in cool, dry conditions away from direct sunlight. Easy Melt has an indefinite shelf life when stored as recommended.



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 reserves 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.

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