

IKO TRADE FELT SYSTEM

PRODUCT INFORMATION

These products combine to form fibre reinforced built-up bitumen membrane roofing systems suitable for domestic garages, and other non-habitable buildings.

	Product Code
IKO Trade Felt Underlay	56080000
IKO Trade Felt Underlay - Medium	56050000
IKO Trade Felt Underlay - Heavy	56070000
IKO Trade Felt Top Sheet - Green	56060000
IKO Trade Felt Top Sheet - Black	56061000



USE

For use as a built up bitumen flat roofing system on domestic garages, garden buildings, workshops, sheds, playhouses, kennels and hutches.

INDEPENDENT ACCREDITATION



2797-CPD-537586

The product carries a Declaration of Performance Certificate.

PERFORMANCE & COMPOSITION

IKO Trade Felt Underlay

Composition:	Modified Bitumen
Form:	Roll
Colour:	Black
General Dimension Data	
Length:	10m
Width:	1m
Mass/Weight:	1.45kg/m ²
Roll Weight:	14.5kg
Carrier:	Glass fibre

IKO Trade Felt Underlay - Medium

Composition:	Modified Bitumen
Form:	Roll
Colour:	Black
General Dimension Data	
Length:	20m
Width:	1m
Mass/Weight:	1.8kg/m ²
Roll Weight:	36kg
Carrier:	Glass fibre

IKO Trade Felt Underlay - Heavy

Composition:	Modified Bitumen
Form:	Roll
Colour:	Black
General Dimension Data	
Length:	10m
Width:	1m
Mass/Weight:	2.22kg/m ²
Roll Weight:	22.2kg
Carrier:	Glass fibre

IKO Trade Felt Top Sheet

Composition:	Modified Bitumen
Form:	Roll
Colour:	Green / Black
General Dimension Data	
Length:	10m
Width:	1m
Mass/Weight:	3.12kg/m ²
Roll Weight:	31.2kg
Carrier:	Glass fibre

INSTALLATION

MATERIAL HANDLING

Handling: Material should be unloaded and handled with care to avoid damage.

Site Storage: Material should be stored on end on a firm, level clean base protected from direct sunlight.

PRIOR TO COMMENCEMENT

Application must always follow good, safe working practice. Prior to commencing works it is advisable assess the work area irrespective of levels of competence, ensuring all works are being planned and undertaken in a safe, pragmatic manner.

Temperature should be a consideration, with works being undertaken ideally at temperatures over 10°C. Avoid installing in wet or very cold weather.

PREPARATION

Before commencement of the roofing works, the installer should ensure that the surfaces to receive the **IKO Trade Felt System** are sound, clean, and dry.

The roof deck should have a fall of 1:80, and be free draining. Timber deck materials should be a minimum of 18mm thick, and supported on suitably spaced flat roof timbers.

On existing roofs all old roofing felt should be removed, with the roof structure checked for adequacy and strength prior to new work being undertaken. Protruding nails should be removed, or hammered home where possible.

The **IKO Trade Felt System** membranes should be unrolled onto a clean, flat surface at least 30 minutes prior to installation as this assists with the final installation.

Do not use lawn surfaces as the preparation area, as this can cause temporary yellowing of the grass.

SETTING OUT & FIXING THE UNDERLAY

The initial sheet of underlay should be set out as a half width sheet to ensure that a staggered pattern is achieved with the follow on **IKO Trade Felt Top Sheet**. This method ensures that the top sheet lap joints coincide with the centre line of the underlay sheets. Commence installation at the drainage point, which should be situated at the lowest section of the roof with successive layers continuing up the slope.

IKO Trade Felt Underlay can be adhered to plywood, concrete and similar roof decks using the strip bonding method.

Before bonding commences, the deck should be primed using **IKOpro Quick Dry Bitumen Primer**, at the rates given on the respective Technical Data Sheet and allowed to dry. Once drying is complete, apply 100mm wide strips of **IKOpro Roofing Felt Adhesive** to cover 50% of the roof surface.

IKO Trade Felt Underlay should then be positioned and unrolled into the adhesive. All lap joints must have a 75mm overlap, and be fully sealed by bonding with **IKOpro Roofing Felt Adhesive**.

Alternatively, when nail fixing an initial layer of **IKO Trade Felt Underlay** to timber boarding, exterior grade plywood or OSB3 decks, use appropriately sized large headed galvanised clout nails to stagger nail at 150mm centres in both directions across the entire area. All lap joints must have a 75mm overlap, and be fully sealed by bonding with **IKOpro Roofing Felt Adhesive** with an additional line of nail fixings along the lap at 50mm intervals.

SETTING OUT & FIXING THE TOP SHEET

IKO Trade Felt Top Sheet must be fully adhered with **IKOpro Roofing Felt Adhesive** to the underlay. To assist with the application and correct positioning of the roll, it is advised that the sheet is arranged into the correct position before applying the adhesive, the sheet should be rolled back to the centre and the adhesive applied to the exposed area. Unroll the sheet into the adhesive, smoothing out any air pockets and repeat the process for the other half of the roll.

Side and end laps should be 75mm minimum and fully sealed. Ensure laps on the **IKO Trade Felt Top Sheet** do not occur at overlaps in the previously applied underlay. All lap joints should be with the fall and not restrict or check the flow of water from the roof.

DETAILING WORK

During the installation of both the underlay, and cap sheet it will be necessary to complete detailing work.

All detailing work i.e. upstands, drip edges, check kerbs should always be formed from separate pieces of the respective field sheet, and be fully bonded in **IKOpro Roofing Felt Adhesive**. Upstands to brickwork or abutments should finish beneath a suitable lead flashing, or be dressed into a chase in the mortar joint to a position at least 150mm above the finished waterproofing level.

DURABILITY

Life expectancy for these products when employed as a system is up to 10 years, when installed as per manufacturer guidance.

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.