

**IKO CHALLENGER CAP SHEETS**

**PRODUCT INFORMATION**

Manufactured with a high-performance polyester base, coated with a modified bitumen. The upper surfaces are finished with a slate mineral. The undersides are sanded to facilitate adhesion by means of hot bitumen or cold bitumen adhesive.

Surface	Product Code
SBS 250 – Green Mineral	50140000
180 – Green Mineral	50160000



**USE**

These products should be used as the cap sheet within a 2 or 3 layer built-up flat roofing application.

**INDEPENDENT ACCREDITATION**



The products carry Declaration of Performance Certificates and are UK Conformity Assessed.

**FEATURES & BENEFITS**

**Versatile Application**

Hot pour & roll bitumen - can be applied all year round as less affected by weather/ temperature variations.  
Cold Bitumen Adhesive - easy and safe installation.

**Polyester Reinforced Carrier**

Provides a strong robust base material.

**Modified Bitumen**

Provides enhanced performance over traditional oxidised bitumen.

SBS - Retains excellent flexibility under ambient temperature fluctuations for enhanced system longevity.

**Mineral Finish**

Provides UV stability to the installed built-up roofing system.

**COMPOSITIONS**

**IKO Challenger SBS 250 Cap Sheet**

<b>Bitumen Modified:</b>	Yes (SBS)
<b>Carrier:</b>	Polyester
<b>Form:</b>	Roll
<b>Colour:</b>	Green
<b>Length:</b>	10m
<b>Width:</b>	1m
<b>Mass/Weight:</b>	3.9kg/m <sup>2</sup>
<b>Roll Weight:</b>	39kg
<b>Surface Finishes:</b>	(upper) Mineral (lower) Sand
<b>Selvage:</b>	(upper) 75mm

**IKO Challenger 180 Cap Sheet**

<b>Bitumen Modified:</b>	Yes
<b>Carrier:</b>	Polyester
<b>Form:</b>	Roll
<b>Colour:</b>	Green
<b>Length:</b>	10m
<b>Width:</b>	1m
<b>Mass/Weight:</b>	3.50kg/m <sup>2</sup>
<b>Roll Weight:</b>	35kg
<b>Surface Finishes:</b>	(upper) Mineral (lower) Sand
<b>Selvage:</b>	(upper) 75mm

## **INSTALLATION**

<b>Membrane Bond:</b>	Hot pour & roll bitumen/ cold bitumen adhesive
<b>Lap Bond:</b>	Hot pour & roll bitumen/ cold bitumen adhesive

For further information please refer the 'IKO BUFR System Guidance Document'

## **PERFORMANCE**

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

## **DURABILITY**

When installed and conditions are maintained as per IKO literature, relevant Codes of Practice and UK Building Regulations, the IKO Challenger 180 and SBS 250 cap sheets have a **10 & 15 year** IKO material guarantee respectively.

## **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.

Mineral coated cap sheets -

A mineral coated cap sheet will, to some extent and through its lifetime, shed some mineral. During the roofing membrane manufacturing process, mineral is applied into the hot top coating of bitumen. An excessive amount of mineral is used to provide total and complete coverage of the roll and the loose granule will naturally fall away after installation.

Batch colour variations -

The mineral is a natural product and at times there may be a shade variation, this does not affect the waterproofing quality or the performance of the waterproofing membrane.

Once the membrane has been installed IKO will not be held liable for any such claims regarding colour variations and mineral loss, unless proven by IKO to be a product failure.

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.