Technical Data Sheet

September 2022

IKO CHALLENGER CAP SHEETS

PRODUCT INFORMATION

Manufactured with a high-performance polyester base, coated with either SBS or APP modified bitumen. The upper surface is finished with a slate mineral. The underside is 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

2797-CPR-537586 0086-CPR-745786

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

FEATURES & BENEFITS

Hot Bitumen/ Cold Bitumen Adhered

Hot Bitumen - can be applied all year round as less affected by weather/ temperature variations.
Cold Bitumen – easy and safe installation.

Polyester Reinforced Carrier

Provides a strong robust base material.

Modified Bitumen

APP - Well suited for sloping and vertical applications.
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

Bitumen Modification:		SBS
Carrier:		Polyester
Form:		Roll
Colour:		Green
Length:		10m
Width:		1m
Mass/Weight:		3.9kg/m^2
Roll Weight:		39kg
Surface Finishes:	(upper)	Mineral
	(lower)	Sand
Selvedge:	(upper)	75mm

IKO Challenger 180 Cap Sheet

Bitumen Modification:		APP
Carrier:		Polyester
Form:		Roll
Colour:		Green
Length:		10m
Width:		1m
Mass/Weight:		3.50kg/m^2
Roll Weight:		35kg
Surface Finishes:	(upper)	Mineral
	(lower)	Sand
Selvedge:	(upper)	75mm

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INSTALLATION

Membrane Bond:	Hot bitumen/ cold bitumen adhesive
Lap Bond:	Hot 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 APP & SBS systems 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.

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