



A Guide to IKO Carrara
Ecological Roofing Membrane

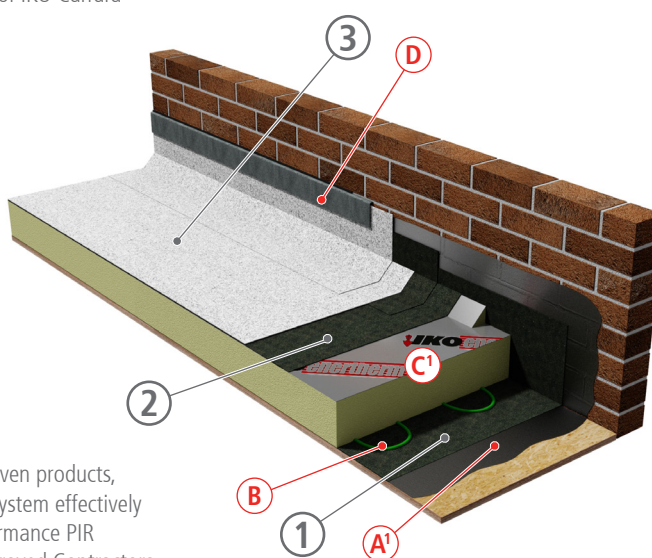
IKO Carrara is an innovative, ecological roofing membrane combining numerous technologies for improvement of the environmental impact.

To reduce extremely damaging, secondary particle matter in the air, IKO Carrara brings together many different innovations to create 'Air Care Technology'. IKO Carrara mineral finish is coated with a special type of titanium dioxide (TiO₂). UV rays cause the membrane to act as a catalyst to convert nitrogen oxides and sulphur oxides (NO_x and SO_x) - which contribute to the acidification of the environment and the greenhouse effect - into harmless and environmentally neutral substances. IKO Carrara incorporates the Prevent Graphite Fire Wall Technology with self-extinguishing properties and has been classified as Broof(t4) in accordance with BS EN 13501-5: 2005 fire classification of construction products and building elements.

System Benefits



- Purifies air by converting NO_x (nitrogen oxide) and SO_x (sulphur oxide) into harmless environmentally-neutral substances
- Cool roof technology reflects and radiates absorbed heat through infrared radiation, so less internal cooling is needed
- UV protection from the white mineral finish also lowers surface temperatures by over 30°C, reducing thermal shocks and extending service life by at least 5 years
- Improves the urban environment by reducing the 'Urban Heat Island Effect' - a blanket of hot air above cities
- Prevent Graphite Firewall Technology
- Broof(t4) in accordance with BS EN 13501-5: 2005 fire classification of construction products and building elements
- Made from recycled materials including regenerated bitumen from old roof coverings and obsolete stock. The high quality reinforcing carrier uses recycled polymers
- 100% green energy is used in the manufacture of IKO Carrara



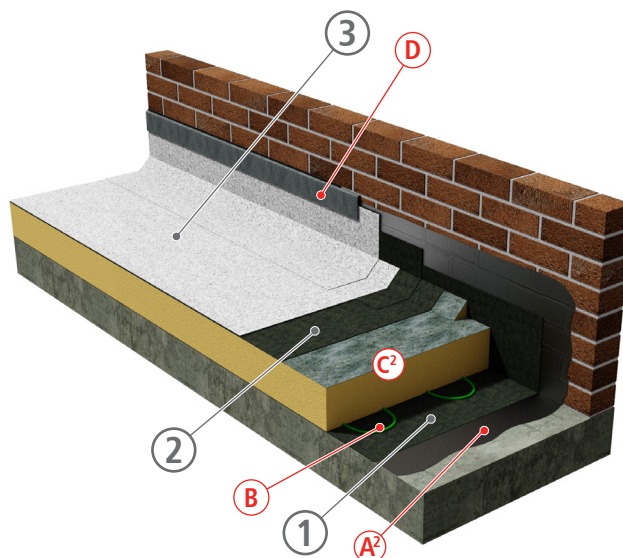
IKO Carrara: Hybrid System

IKO Carrara Hybrid System offer the ultimate combination of proven products, speed of application and safe installation practices on site. The system effectively combines the use of a quality self-adhesive underlay, high-performance PIR insulation, and an IKO Torch-On Cap Sheet, installed by IKO Approved Contractors.

	Membrane	Description	Weight	Size	Base Carrier	Surface Finish
①	Vapour Control Layer	IKO Systems Self-Adhesive VCL	36kg	15x1m	Polyester	Fine Minerals
②	Underlay	IKO Systems Self-Adhesive Underlay	36kg	16x1m	Polyester	Fine Minerals
③	Cap Sheet	IKO Carrara Torch-On Cap Sheet	45kg	7.5x1m	Polyester/glass	White Minerals

IKO Carrara: Torch-On System

IKO Carrara Torch-On Membrane offer simple, rapid application and is installed by IKO Approved Contractors. As the bonding bitumen forms part of the core membrane itself, torch-on systems provide additional certainty of completely homogeneous modified bitumen throughout.




	Membrane	Description	Weight	Size	Base Carrier	Surface Finish
①	Vapour Control Layer	IKO Systems Torch-On VCL	36kg	12x1m	Polyester	Sand
②	Underlay	IKO Systems Torch-On Underlay	38kg	12x1m	Polyester	Sand
③	Cap Sheet	IKO Carrara Torch-On Cap Sheet	45kg	7.5x1m	Polyester/Glass	White Minerals

Complementary Products - See Page 20		
Ⓐ	Primer	A ¹ - IKOpro Systems Bonding Agent
		A ² - IKOpro Quick Dry Bitumen Primer
Ⓑ	Adhesive	IKOpro Sprayfast IBA; PU adhesive for insulation board
Ⓒ	Insulation	C ¹ - IKO enertherm ALU; high-performance PIR insulation board
		C ² - IKO enertherm BGF; high-performance PIR insulation board
Ⓓ	Flashing	IKOfash Lead-Free Flashing

Additional Information



Cap Sheet Colour Option

White

Certificates & Accreditations	
Fire Performance	Broof(t4) in accordance with BS EN 13501-5: 2005 fire classification of construction products and building elements
CE Marking	In accordance with harmonised European Standards BS EN 13707: 2013
Site Certification	ISO 9001 / ISO 14001



IKO PLC

Appley Lane North
Appley Bridge, Wigan
Lancashire WN6 9AB
www.ikogroup.co.uk

Member of the IKO Group

May 2019

Whilst every care is taken to see 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. Intending purchasers of our materials should therefore verify with the company whether any changes in our specification or application details or otherwise have taken place since this literature was issued.

Sales Support

t: 01257 256 865
f: 01257 251 855
sales.uk@iko.com

Technical Services

t: 01257 256 864
technical.uk@iko.com

