



TOTAL SOLUTIONS FOR ALL FLAT ROOFS







Project Makita - Estonia

Total solutions for all flat roofs

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We also offer a complete assortment of liquid accessories for bituminous flat roofs to:

- prepare the substrate
- glue
- maintain and repair
- finish and protect



Consult our brochure or scan the QR-code for an overview.



Family business

IKO is a pioneering producer of roofing, insulation and waterproofing solutions. With over 30 factories worldwide and 4,500 employees, IKO has earned a global place in this market segment.

As a family business, IKO also stands out with its short communication lines and fast decision-making which make it an extremely versatile and expeditious company.

IKO **CLOSE** to you ...

CLOSE TO YOU in Antwerp, but active worldwide

IKO waterproofing and insulation systems are used worldwide in a wide range of new build and renovation projects. Our high-tech bitumen plant in Antwerp is located along the river Scheldt which allows our raw materials to be supplied by ship, thereby reducing our carbon footprint. Our products are exported by ship to more than 70 countries including Emirates, Finland, Iceland, Madagascar, Morocco, Sweden and many others. IKO has you covered in any climate!

CLOSE TO YOU by our more than 110 years of experience

We have been leading the market for over 110 years. IKO has had a ready-made solution for both industrial and private buildings since 1911. Besides the production of bitumen roofing sheets, IKO also produces high-quality PIR insulation, liquid waterproofing and waterproofing accessories such as primers and glues.

CLOSE TO YOU with customised advice and training

In addition to using high-quality and reliable products, our craftsmanship truly makes the difference. Our extensive sales and technical team are always ready to provide appropriate advice for your project, to answer your questions and share their knowledge with you. Whether it's support when starting up a site, standard or specialised training at our Experience Center - we have all the tools you need to recommend and sell our products successfully and apply our solutions with confidence.

Need online advice urgently? The IKO Design Center can help you create the optimum roof system in just a few clicks.

IKO Design Center





CLOSE TO YOU for the climat challenges of today and tomorrow

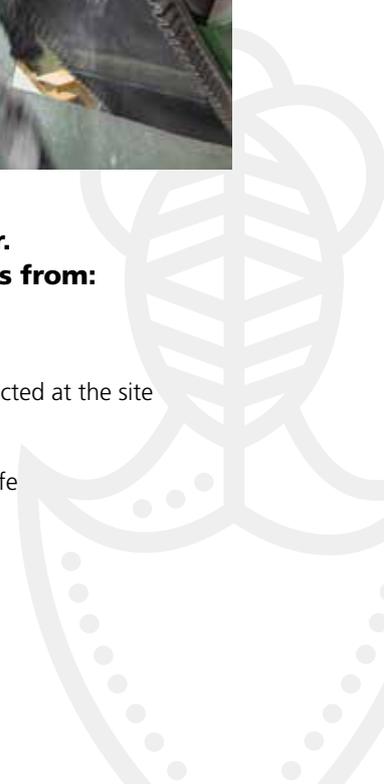
The European headquarters and R&D Center of the IKO group are both located in Antwerp, Belgium. From our experience and knowledge in roofing, insulation and liquid waterproofing, we design and produce total solutions that meet the ever-increasing need for sustainability and energy efficiency.

Specifically, this translates into our IKO Atelia circular roofing solutions, where all components can be fully separated at the end of the roof's service life and recycled for use as raw materials in the production of new bitumen roofing.



**With IKO Orion recycling technology, we go one step further.
This unique process produces high-quality new roofing membranes from:**

- production waste, resulting in **'zero waste'** at the Antwerp production site
- cutting leftovers from new roof installations in new build or renovation projects, which are collected at the site with the **collective pick-up system** of Probitumen Benelux
- bituminous roofing membranes from dismantled roofs at the end of their service life





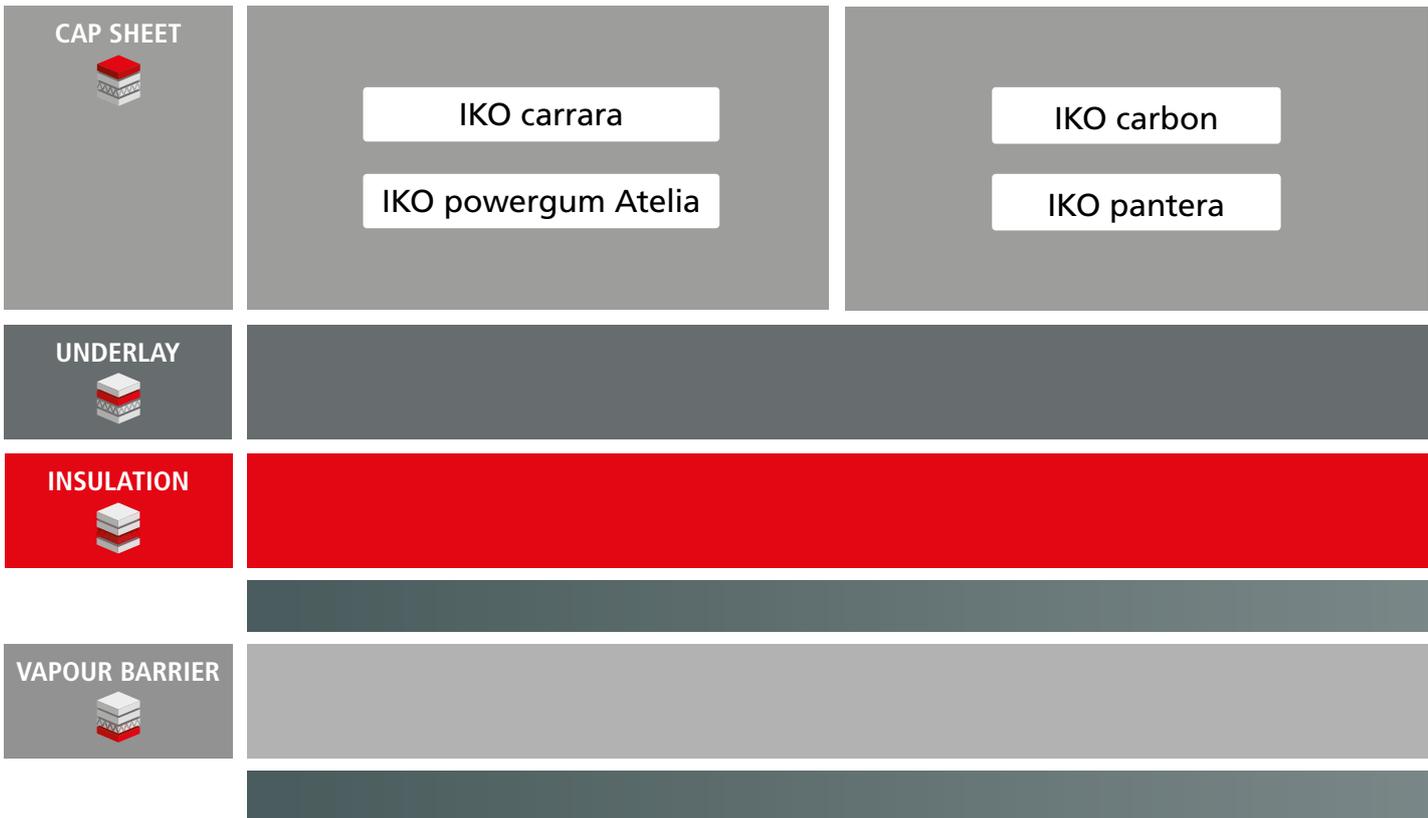
IKO energy roofs

An energy roof is not only a roof that helps you to reduce your energy consumption, it can also be used to generate energy. IKO roofing membrane enables you to maximise your yield from solar panels and other technical installations on the roof. IKO energy roofs have important benefits if you favour sustainable projects.



IKO utility roofs

A utility roof is the ideal way to create additional living space. The IKO range offers strong and attractively finished roofing membranes that stand up to intensive usage, allowing you to accomplish your building projects.



IKO FLAT ROOF SOLUTIONS



IKO green roofs

A green roof contributes to environmental sustainability and adds variety to the building landscape in all seasons. IKO has in its product range root resistant membranes that suit different installation techniques and which may be applied under every type of green roof. Bituminous IKO roofs offer the safest waterproofing solution under a garden roof.



IKO retention roofs

With increasing extreme weather events, flooding has become a more frequent occurrence. A retention roof stores rainwater temporarily and drains gradually to avoid overloading the sewer system. IKO has a solution in its range that offers 100% security for these applications. This lets you control the water with peace of mind and without the risk of leaks.



IKO own roof systems

IKO has a roof system for every kind of flat roof. The different layers from the IKO product range can be combined, together with insulation, to achieve the ideal solution for every roof. The IKO range affords many waterproofing solutions, so there is no need to compromise.

IKO roofing | 6

IKO roofgarden

IKO roofgarden pantera

IKO segura

IKO summa

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IKO pro primer and glue



The traditional economic linear model has reached its limits, and the shortage of primary raw materials and gigantic waste streams in the construction sector continue to grow. The circular model has become inevitable.

Circularity

The terms circularity and recyclability are often confused. In fact, recyclability is only the last step of circularity. Initially, the focus of a circular model is on **longevity, maintenance and repair**, and recyclability only comes into play when a product is truly end-of-life.

Bitumen has a long lifespan

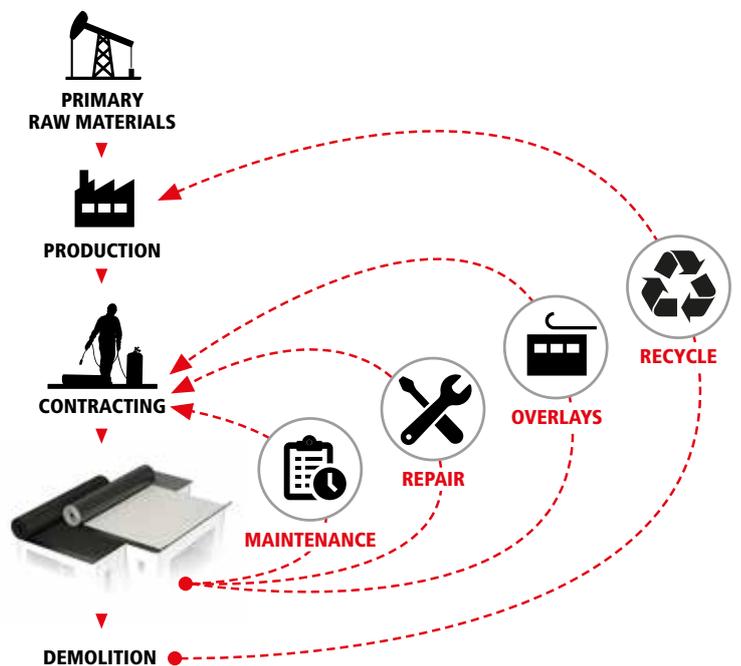
It is generally accepted that a bituminous roofing system can reach a lifespan of more than 35 years, provided it is properly designed and installed, and subject to annual preventive maintenance. Bitumen has an edge over other roofing materials in this respect: bituminous roofing membranes only need periodic cleaning and maintenance. This is also the case for repairs. Unlike plastic-based roofs, bitumen can be overlaid up to two times, resulting in a lifespan of 100 years.

Bitumen is recyclable

Unlike other types of roofing systems, bitumen cutting leftovers and dismantled bituminous roofing membranes can actually be collected and recycled into new roofing products. The installation method determines whether a roof is removable: mechanically fixed or loose-laid with ballast.

IKO Atelia

IKO has invested heavily in our industry-leading recycling plant, which processes production waste, bitumen cutting leftovers from building sites, as well as old IKO Atelia roofs. These materials are recycled into new, circular roofing membranes. We offer an **insured guarantee and take-back certificate** with every IKO Atelia roof system. The certificate is our promise that we will take back the Atelia roof membranes for use as a (secondary) raw material, after at least 35 years on the roof. IKO is happy to offer the right support for your circular challenges, from advice to theory and practical training. For more info, visit atelia.iko.com



Single ply or two plies, mechanically fixed or loose-laid with ballast

	CAP SHEET	IKO carrara / IKO Atelia / IKO powergum Atelia
	UNDERLAY	IKO base Atelia
	INSULATION	IKO enertherm Atelia
	VAPOUR BARRIER	IKO base Atelia 



An energy roof is not only a roof that helps you to reduce your energy consumption, it can also be used to generate energy. IKO roofing membrane enables you to maximise your yield from solar panels and other technical installations on the roof.



IKO carrara

IKO carrara is a waterproofing membrane composed of elastomer (SBS) bitumen with fire-retardant properties and a polyester-glass combination inlay. The upper surface is finished with white titanium dioxide granulate (SRI 82) and the lower surface consists of self-adhesive bitumen. This top layer can be applied in a single- or multi-ply system. It contains secondary raw materials and is 100% recyclable.

Benefits:

- Highest reflection value (SRI 82)
- Single-ply mechanically fastened also possible
- Suitable for water recovery
- Extensive insured warranty



IKO powergum Atelia

IKO powergum Atelia is a waterproofing membrane made of plastomer (APP) bitumen with fire-retardant properties and a polyester-glass combination inlay. The upper surface is finished with white crushed slate (SRI 45) with titanium dioxide or with sand, and the lower surface is covered with a thermofusible film, always in combination with the TURBO profile. This top layer is suitable for a single- or multi-ply system. It contains secondary raw materials and is 100% recyclable.

Benefits:

- Highest percentage of secondary raw material
- TURBO finish for fast installation
- Suitable for water recovery (4 AW)
- Extensive insured warranty

CAP SHEETS

		Description	Length	Product no.	Approvals / Labels / Norms	Roof	Top finish	Bottom finish	Thickness / Weight				
SBS	xtelio.	IKO carrara	7,5 m	01562600	ATG 2996 + CTG-500 + IAB 08/0316	T1-T4	GRW	F	4 mm	•			
SBS	xtelio.	IKO carrara	5 m	01567520	ATG 2996 + CTG-500 + IAB 08/0316	T1-T4	GRW	F	4 mm	•			
SBS		IKO carrara G	5 m	01567525	-	T1-T3	GRW	F	5 mm	•			
SBS	xtelio.	IKO carrara Tecno SN	7,5 m	01562875	SINTEF TA 20385 + CTG-500	T1-T2	GRW	F	5,5 kg/m ²	•	•		
SBS		IKO carrara F AW	8 m	01565680	11316-15 (TL2)	T2	GRW	F	5,5 kg/m ²	•			
APP	xtelio.	IKO powergum 4 AW/F Atelia	7,5 m	01529355	CTG-498	T1	AW	TURBO	4 mm	•			



A utility roof is the ideal way to create additional living space. The IKO range offers strong and attractively finished roofing membranes that stand up to intensive usage, allowing you to accomplish your building projects.



IKO carbon

IKO carbon is a waterproofing membrane composed of plastomer (APP) bitumen with fire-retardant properties and a polyester-glass combination reinforcement. The upper surface is finished with black granulate and the lower surface is protected by a thermofusible film, always in combination with the TURBO profile. This top layer can be applied in a single- or multi-ply system.

- Benefits:**
- Attractive aesthetic black finish suitable for water recovery
 - Good resistance to footprints at high temperatures
 - TURBO finish for faster installation
 - Extensive insured warranty



IKO pantera

IKO pantera is a waterproofing membrane composed of elastomer (SBS) bitumen with fire-retardant properties and a polyester-glass combination reinforcement. The upper surface is finished with black granulate and the lower surface is protected by a thermofusible film. This top layer can be applied in a single- or multi-ply system.

- Benefits:**
- Attractive aesthetic black finish suitable for water recovery
 - Flexible, even at low temperatures
 - Extensive insured warranty

CAP SHEETS

	Description	Length	Product no.	Approvals / Labels / Norms	Roof	Top finish	Bottom finish	Thickness				
APP	IKO carbon 250	7,5 m	01528531	ATG 2323 + IAB 08/0316 + AT 5.2/18-2636_V1	T1-T4	GRB	TURBO	4 mm	•	•		•
APP	IKO carbon 250	5 m	01528532	ATG 2323 + IAB 08/0316 + AT 5.2/18-2636_V1	T1-T4	GRB	TURBO	4 mm	•	•		•
APP	IKO carbon 250 MP	7,5 m	01528592	ATG 2323 + AT 5.2/18-2636_V1	T1-T4	GRB	MMP	4 mm	•	•	•	•
APP	IKO carbon	7,5 m	01528534	ATG 2323 + IAB 08/0316	T1-T3	GRB	TURBO	4 mm	•	•		
APP	IKO carbon	5 m	01528585	ATG 2323 + IAB 08/0316	T1-T3	GRB	TURBO	4 mm	•	•		
SBS	IKO pantera	7,5 m	01564844	ATG 2996	T1-T4	GRB	F	4 mm	•	•		
SBS	IKO roofgarden pantera	7,5 m	01564854	ATG 3215 + CTG-500	T1-T4	GRB	F	4 mm	•	•		•



A green roof contributes to environmental sustainability and adds variety to the building landscape in all seasons. IKO has in its product range root resistant membranes that suit different installation techniques and which may be applied under every type of green roof. Bituminous IKO roofs offer the safest waterproofing solution under a garden roof.



IKO roofgarden

IKO roofgarden is a waterproofing membrane composed of plastomer (APP) or elastomer (SBS) bitumen with root resistant additives, fire-retardant properties and a polyester-glass combination reinforcement. The upper surface is finished with dark grey mineral slate and the lower surface is protected by a thermofusible film. This top layer can be applied in a single- or multi-ply system.

Benefits:

- Root resistant according to EN 13948
- Can be compartmentalised for easy leak detection
- High puncture resistance offers protection during installation

CAP SHEETS

	Description	Length	Product no	Approvals / Labels / Norms	Roof	Top finish	Bottom finish	Thickness			
APP	IKO carbon 250	7.5 m	01528531	ATG 2323 + IAB 08/0316 + AT 5.2/18-2636_V1	T1-T4	GRB	TURBO	4 mm	•	•	•
APP	IKO carbon 250	5 m	01528532	ATG 2323 + IAB 08/0316 + AT 5.2/18-2636_V1	T1-T4	GRB	TURBO	4 mm	•	•	•
APP	IKO carbon 250 MP	7.5 m	01528592	ATG 2323 + AT 5.2/18-2636_V1	T1-T4	GRB	MMP	4 mm	•	•	•
SBS	IKO roofgarden pantera	7.5 m	01564854	ATG 3215 + CTG-500	T1-T4	GRB	F	4 mm	•	•	•
APP	IKO roofgarden 4 APP AD/F	7.5 m	01520321	ATG 3097	T1	AD	F	4 mm	•	•	•
APP	IKO roofgarden 4 APP T/F	7.5 m	01510321	CTG-028 + IAB 08/0316	-	T	F	4 mm	•	•	•
APP	IKO roofgarden 5 APP AD/F G	5 m	01520521	-	T1	AD	F	5 mm	•	•	•
APP	IKO roofgarden 5 APP AR/F G	5 m	01520581	-	T1	AR	F	5 mm	•	•	•
SBS	IKO roofgarden 4 SBS AD/F	7.5 m	01564125	CTG-499	T1	AD	F	4 mm	•	•	•
SBS	IKO roofgarden 4 SBS T/F	7.5 m	01550421	-	-	T	F	4 mm	•	•	•
SBS	IKO roofgarden 5 SBS T/T	7.5 m	01555511	-	-	T	T	5 mm	•	•	•
SBS	IKO powerflex 4 T/F ICE WW	8 m	01550409	-	-	T	F	4 mm	•	•	•
SBS	IKO powerflex 5000 AR/F WW	7,5 m	01565125	-	-	AR	F	5 kg/m ²	•	•	•
SBS	IKO powerflex 6000 T/F WW	8 m	01556041	-	-	T	F	6 kg/m ²	•	•	•

IKO RETENTION ROOFS



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IKO roofing |

With increasing extreme weather events, flooding has become a more frequent occurrence. A retention roof stores rainwater temporarily and drains gradually to avoid overloading the sewer system. IKO has a solution in its range that offers 100% security for these applications. This lets you control the water with peace of mind and without the risk of leaks.



IKO roofgarden pantera

IKO roofgarden pantera is a waterproofing membrane made of elastomer (SBS) bitumen with fire-retardant and rootresistant properties. The upper surface is finished with black granulate and the lower surface is covered with a thermofusible film. This top layer is suitable for a multi-ply system.

Benefits:

- Strong yet flexible roofing membrane
- Can be compartmentalised for easy leak detection
- High puncture resistance for added protection during construction
- Can be applied in compact roof structures

CAP SHEETS

	Description	Length	Product no.	Approvals / Labels / Norms	Roof	Top finish	Bottom finish	Thickness			
SBS	IKO roofgarden pantera	7.5 m	01564854	ATG 3215 + CTG-500	T1-T4	GRB	F	4 mm	•	•	•



IKO OWN ROOF SYSTEMS



IKO has a roof system for every kind of flat roof. The different layers from the IKO product range can be combined, together with insulation, to achieve the ideal solution for every roof. The IKO range affords many waterproofing solutions, so there is no need to compromise.



IKO segura

IKO segura is a waterproofing membrane composed of elastomer (SBS) bitumen with fire-retardant properties and a polyester-glass combination reinforcement. The upper surface is finished with white titanium dioxide granulate (SRI 82) and the lower surface consists of self-adhesive bitumen. This top layer can be applied in a single- or multi-ply system.

Benefits:

- Flameproof installation with safety seam
- Highest reflection value (SRI 82)
- Also suitable for single-ply applications
- Suitable for water recovery
- Extensive insured warranty



IKO summa

IKO summa is a waterproofing membrane composed of PolyOlefin Elastomer (POE) bitumen with fire-retardant properties and a polyester-glass composite inlay. The upper surface is finished with dark grey crushed slate and the lower surface is protected by a thermofusible film. This top layer can be applied in a single- or multi-ply system.

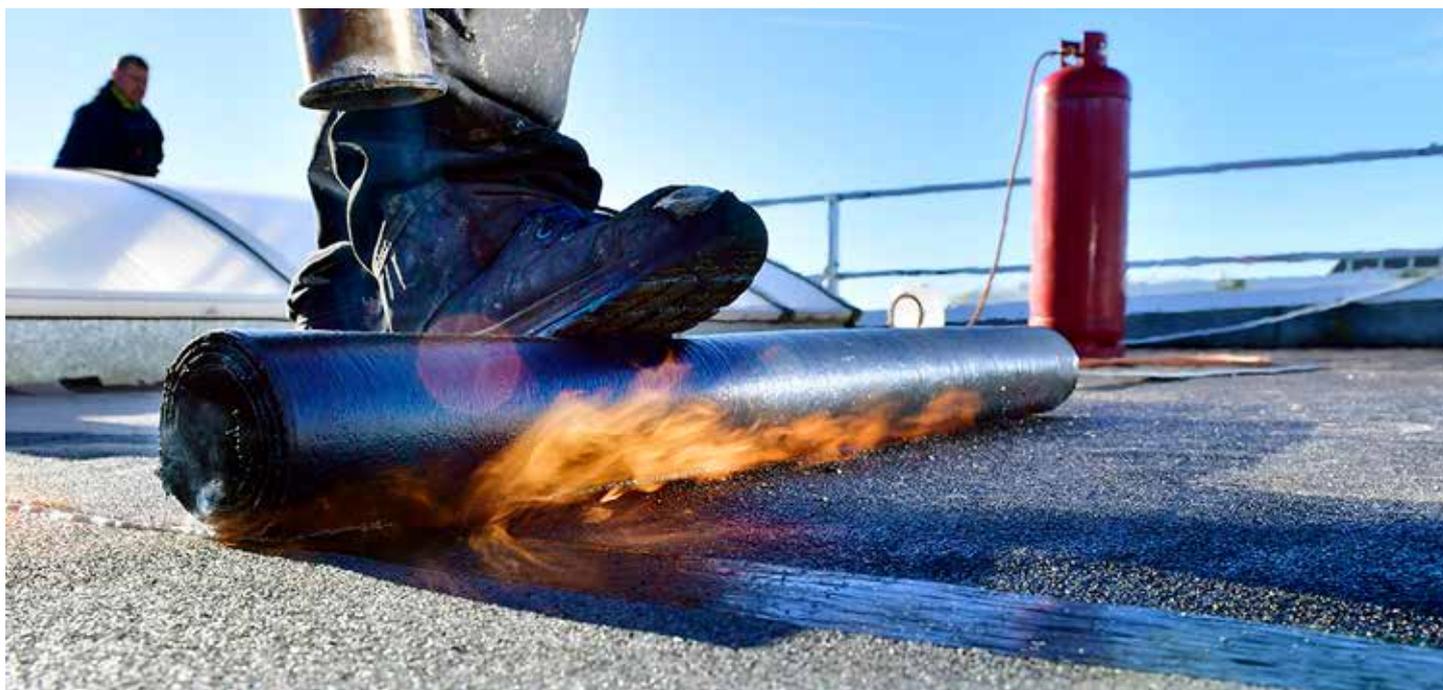
Benefits:

- Suitable for installation in all seasons
- Good resistance to footprints at high temperatures
- Highly flexible, even at low temperatures
- Suitable for water recovery
- Extensive insured warranty

CAP SHEETS

	Description	Length	Product no.	Approvals / Labels / Norms	Roof	Top finish	Bottom finish	Thickness					
SBS	IKO segura	6 m	01570792	CTG-500 + CTG-503	T1-T4	GRW	Sa	4 mm				•	
POE	IKO summa	7,5 m	01526899	ATG 3290 + CTG-740	T1	AD	F	4 mm	•		•		
POE	IKO summa	5 m	01526895	ATG 3290 + CTG-740	T1	AD	F	4 mm	•		•		

IKO OWN ROOF SYSTEMS



IKO powergum

IKO powergum is a waterproofing membrane made of plastomer (APP) bitumen with fire-retardant properties and a polyester-glass combination inlay. The upper surface is finished with dark grey crushed slate or talc/sand, and the lower surface is covered with a (macro-perforated) thermofusible film. This top layer is suitable for a single- or multi-ply system.

Benefits:

- Standard fire-resistant
- Oldest uninterrupted ATG certificate 1337
- Good resistance to footprints at high temperatures

		Description	Length	Product no.	Approvals / Labels / Norms	Roof	Top finish	Bottom finish	Thickness					
APP	otelix	IKO powergum 470K14 Atelia	6 m	01513241	CTG-498	T1	T	TURBO	3,8 mm	•	•			
APP		IKO powergum 4 AD/F	7,5 m	01526830	ATG 1337	T1	AD	F	4 mm	•	•			
APP		IKO powergum 4 AD/F	5 m	01526845	ATG 1337	T1	AD	F	4 mm	•	•			
APP		IKO powergum 4 ADX/F	7,5 m	01528521	ATG 2323	T1-T2	AD	F	4 mm	•	•			
APP		IKO powergum 4 ADX/F	5 m	01528525	ATG 2323	T1-T2	AD	F	4 mm	•	•			
APP		IKO powergum 4 AD/F Gran	7,5 m	01528560	ATG 1337	T1	GRB	F	4 mm	•	•			
APP		IKO powergum 4 AD/MMP	7,5 m	01526684	ATG 1337	T1	AD	MMP	4 mm	•	•	•		
APP		IKO powergum 4 T/MMP	7,5 m	01512646	ATG 1337 + CTG-498	T1	T	MMP	4 mm	•	•	•		
APP		IKO powergum 4 T/F	7,5 m	01516831	ATG 1337	T1	T	F	4 mm	•	•			
APP		IKO powergum 4 ARC/F	7,5 m	01522170		T1	AR	F	4 mm	•	•			
APP		IKO powergum 5 AD/F G	5 m	01524525		T1	AD	TURBO	5 mm	•	•			
APP		IKO powergum 5 AR/F G	5 m	01520541		T1	AR	TURBO	5 mm	•	•			
APP		IKO powergum quadra AD	6 m	01528350	ATG 2323	T1	AD	QUADRA	4 mm	•				
APP		IKO powergum quadra AD Gran	6 m	01528340	ATG 2323	T1	GRB	QUADRA	4 mm	•				
APP		IKO powergum quadra white	6 m	01529362	CTG-498	T1	AW	QUADRA	3,8 mm	•				
APP		IKO powergum quadra AR	6 m	01527033	ATG 2323	T1	AR	QUADRA	4 mm	•				
APP		IKO powergum 470K24 dgrey	7,5 m	01525975	CTG-498 + FM approval	T1	AD	TURBO	3,8 mm	•	•			
APP		IKO powergum 470K24 dgrey	5 m	01525869	CTG-498 + FM approval	T1	AD	TURBO	3,8 mm	•	•			

IKO OWN ROOF SYSTEMS

	Description	Length	Product no.	Approvals / Labels / Norms	Broof	Top finish	Bottom finish	Thickness				
APP	IKOnic Black 4 GRB/F	7,5 m	01528575	IAB 08/0316	T1-T4	GRB	F	± 4 mm	•	•		
APP	IKOnic Black 4 GRB/F	10 m	01528569	IAB 08/0316	T1-T4	GRB	F	± 4 mm	•	•		
APP	IKOnic Smooth 4 T/F	10 m	01511641	-	-	T	F	± 4 mm	•	•		
APP	IKOnic Smooth 3 T/F	10 m	01511631	-	-	T	F	± 3 mm	•	•		
APP	IKOnic Base V2 T/F	10 m	01212521	-	-	T	F	± 2 mm	•	•		
APP	IKO gum 4 AR/F	10 m	01525710	-	-	AR	F	4 mm	•	•		
APP	IKO gum 4500 T/F	7,5 m	01514575	-	-	T	F	4,5 kg/m ²	•	•		
APP	IKO gum 4000 AD/F	10 m	01522621	-	-	AD	F	4 kg/m ²	•	•		
APP	IKO gum 5000 AD/F	7,5 m	01520475	-	-	AD	F	5 kg/m ²	•	•		
APP	IKO gum 5500 AD/F	10 m	01524521	-	-	AD	F	5,5 kg/m ²	•	•		
APP	IKO gum 470K24 red	5 m	01528718	CTG-498 walkway	T1	GRR	F	3,8 mm	•	•		



IKO powerflex

IKO powerflex is a waterproofing membrane made of elastomer (SBS) bitumen with or without fire-retardant properties and a polyester-glass combination inlay. The upper surface is finished with dark, light or white crushed slate or talc/sand, and the lower surface is covered with a thermofusible film or sand. This top layer is suitable for a single- or multi-ply system.

Benefits:

- Standard fire-resistant
- Flexible, even at low temperatures
- Single-ply mechanically fastened also possible
- Flame-free installation possible

	Description	Length	Product no.	Approvals / Labels / Norms	Broof	Top finish	Bottom finish	Thickness				
SBS	IKO powerflex mono 3 Stick	6 m	01560830	CTG-499	T1	AD	SA	3 mm			•	
SBS	IKO powerflex 4 AD/F	7,5 m	01564109	ATG 1631	T1	AD	F	4 mm	•	•		
SBS	IKO powerflex 4 AWF	7,5 m	01565675	ATG 1631	T1	AW	F	4 mm	•			
SBS	IKO powerflex 4 GRB/F	7,5 m	01564850	ATG 1631	T1	GRB	F	4 mm	•	•		
SBS	IKO powerflex 4 GRC/F	7,5 m	01564848	ATG 1631	T1-T4	GRB	F	4 mm	•	•		
SBS	IKO powerflex 4 ARC/F	7,5 m	01560758		T1	AR	F	4 mm	•	•		
SBS	IKO powerflex Tecno	7,5 m	01564135	ATG 1631 + CTG-499	T1	AD	F	4 mm	•	•	•	
SBS	IKO powerflex quadra black	6 m	01560888	CTG-499	T1	GRB	QUADRA	3,8 mm	•			
SBS	IKO powerflex quadra AW	6 m	01560893	CTG-499	T1	AW	QUADRA	3,8 mm	•			
SBS	IKO powerflex Mono 3 MB	6 m	01564085	CTG-499 + IAB 08/0316 + FM Approval	T1-T4	AD	PP	3,2 mm		•		
SBS	IKO powerflex Mono 3 MB	6 m	01565665	CTG-499 + IAB 08/0316 + FM Approval	T1-T4	AW	PP	3,2 mm		•		
SBS	IKO powerflex 4 AD/F ICE	8 m	01564051	-	T2	AD	F	4 mm	•	•		
SBS	IKO powerflex 4 T/F ICE	8 m	01550407	-	T2	T	F	4 mm	•	•		
SBS	IKO powerflex PF 5000	8 m	01565218	-	T2	AD	F	5 kg/m ²	•	•		
SBS	IKO powerflex PF 5000	5 m	01565215	-	T2	AD	F	5 kg/m ²	•	•		
SBS	IKO powerflex 5500 AD/F SN	7,5 m	01565523	TA 0360/97 + SINTEF TA 20385	T2	AD	F	5,5 kg/m ²	•	•	•	
SBS	IKO powerflex 5500 AD/F S	7,5 m	01565582	TA 0360/97	T2	AD	F	5,5 kg/m ²	•	•	•	
SBS	IKO powerflex 5500 AR/F S	7,5 m	01565583	TA 0360/97	T2	AD	F	5,5 kg/m ²	•	•	•	
SBS	IKO powerflex 5000 AD/F N	8 m	01565061	SINTEF TA 20090	T2	AD	F	5 kg/m ²	•	•		
SBS	IKO powerflex 5000 AD/F F	8 m	01560950	11316 - 15(TL2)	T2	AD	F	5 kg/m ²	•	•		
SBS	IKO powerflex 6000 T/F	8 m	01566021	-	-	T	F	4 mm	•	•		
SBS	IKO powerflex 5000 AR/F	7,5 m	01565121	-	-	AR	F	5 kg/m ²	•	•		
SBS	IKO powerflex 5000 T/F	8 m	01565008	-	-	T	F	5 kg/m ²	•	•		
SBS	IKO powerflex 4000 AR/F	10 m	01564021	-	-	AR	F	4 kg/m ²	•	•		



You can choose from our wide range of high-quality underlays for an effective and waterproof base for your top layer. The choice depends on the desired roof construction and installation method: flame-torching, mechanical fastening or gluing.

SELF-ADHESIVE

Description	Length	Product no.	Approvals / Labels / Norms	Broof	Top finish	Bottom finish	Thickness	
IKO base Quadra F/SA	10 m	01570741	Vapour-pressure release	-	F	QUADRA SA	2,5 mm	●
IKO base Quadra F/SA	7,5 m	01570735	Vapour-pressure release	-	F	QUADRA SA	2,5 mm	●
IKO base Quadra T/SA	10 m	01570710	Vapour-pressure release	-	T	QUADRA SA	2,5 mm	●
IKO base Quadra V T/SA	10 m	01250710	Vapour-pressure release	-	T	QUADRA SA	2,5 mm	●
IKO base Therm F/SA	10 m	01570720	-	-	F	STRIPES SA	2,5 mm	●
IKO base Stick T/SA	15 x 1.08 m	01570711	-	-	T	SA	2,5 mm	●
IKO base Stick SBS F/SA	10 m	01570791	-	-	F	SA	2,8 mm	●
IKO base Stick SBS F/SA NZ	10 m	01570797	-	-	F	SA	2,8 mm	●
IKO base Stick SBS PF 3500	7 m	01570201	-	-	F	SA	3,5 kg/m ²	●
IKO base Stick universeel	10 m	01252121	-	-	F	SA	2 mm	●

FLAME-TORCHED

Description	Length	Product no.	Approvals / Labels / Norms	Broof	Top finish	Bottom finish	Thickness		
IKO base Quadra T/F	7,5 m	01514013		-	T	QUADRA	3 mm	●	
IKO base Turbo T/F	10 m	01533312		-	T	TURBO	3 mm	●	●
IKO base V3 APP T/F FM	10 m	01212621	FM approval	-	T	F	3 mm	●	●
IKO base V3 T/F	10 m	01212312	BENOR	-	T	F	3 mm	●	●
IKO base V3 TT/F	10 m	01212090	BENOR	-	T	F	3 mm	●	●
IKO base V4 T/F	10 m	01212412	BENOR	-	T	F	4 mm	●	●



IKO UNDERLAYS



MECHANICALLY FIXED FLAME-TORCHED

	Description	Length	Product no.	Approvals / Labels / Norms	Broof	Top finish	Bottom finish	Thickness				
	IKO base P3 T/F Atelia	10 m	01533031	-	-	T	F	3 mm		•	•	
	IKO base P3 SBS T/F Atelia	12 m	01550902	-	-	T	F	3 mm		•	•	
	IKO base 460P60 EU Atelia	10 m	01510014	-	-	F	FL	2,2 mm		•	•	
	IKO base 360P60 Atelia	12 m	01554041	-	-	F	FL	2 mm		•	•	
	IKO base P3 T/F	10 m	01533021	BENOR	-	T	F	3 mm	•	•	•	
	IKO base P3 F/F	10 m	01531200	BENOR	-	F	F	3 mm	•	•	•	
	IKO base P4 T/F	10 m	01534012	BENOR	-	T	F	4 mm	•	•	•	
	IKO gum 3500 T/F	6 m	01511621	-	-	T	F	3,5 kg/m ²	•	•	•	
	IKO gum 3500 T/F	10 m	01513021	-	-	T	F	3,5 kg/m ²	•	•	•	
	IKO base 460P60 EU	12 m	01510012	-	-	F	FL	2,2 mm		•	•	
	IKO base Tecno APP F/FL	10 m	01511010	FM approval	-	F	FL	2,5 mm		•	•	
	IKO base 360P60	12 m	01554031	-	-	F	FL	2 mm		•	•	
	IKO base P3 SBS T/F	8 m	01554121	-	-	T	F	3 mm	•	•	•	
	IKO base P4 SBS T/F	8 m	01551008	-	-	T	F	4 mm	•	•	•	
	IKO base P3000 SBS T/F	10 m	01553121	-	-	T	F	3 kg/m ²	•	•	•	
	IKO base P3000 SBS T/F N	10 m	01553021	SINTEF TA 20090	-	T	F	3,5 kg/m ²	•	•	•	
	IKO base P3000 SBS T/F F	10 m	01553041	-	-	T	F	3 kg/m ²	•	•	•	
	IKO base P3200 SBS F/T	10 m	01550912	-	-	F	T	3,2 kg/m ²		•	•	
	IKO base PF 3500 SBS	7 m	01550735	-	-	T	F	3,5 kg/m ²	•	•	•	
	IKO base PF 3500 SBS	10 m	01551035	-	-	T	F	3,5 kg/m ²	•	•	•	
	IKO base P4000 SBS T/F F	8 m	01554021	11316-15(TL2)	-	T	F	4 kg/m ²	•	•	•	

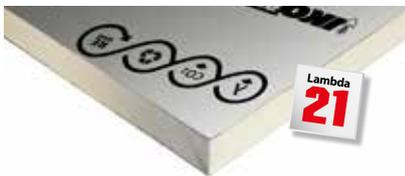
COLD-GLUED HOT-GLUED WITH BITUMEN

Description	Length	Product no.	Approvals / Labels / Norms	Broof	Top finish	Bottom finish	Thickness				
IKO base P3 T/T	10 m	01533011	BENOR	-	T	T	3 mm	•	•	•	•
IKO base P3 F/T	10 m	01533012	BENOR	-	F	T	3 mm	•	•	•	•
IKO base V3 T/T	10 m	01211311	BENOR	-	T	T	3 mm	•		•	•
IKO base P3000 SBS T/T N	10 m	01553111	SINTEF TA 20090	-	T	T	3 kg/m ²	•	•	•	
IKO base P3000 SBS T/T F	10 m	01553141	11316-15(TL2)	-	T	T	3 kg/m ²	•	•	•	

IKO ENERTHERM INSULATION



IKO enertherm, our high-quality PIR insulation, is the ideal solution for insulating roofs. Due to its high compressive strength of 175 kPa, roofs that use this PIR insulation are walkable for periodic maintenance or for installing solar panels and the like. In addition, IKO enertherm insulation boards have the best moisture resistance in the market (WLT1).



IKO enertherm Atelia

IKO enertherm Atelia is an insulation board specifically designed for use in circular IKO Atelia roofing systems.



IKO enertherm ALU

IKO enertherm ALU is used to insulate flat roofs for **new builds** on **concrete, steeldeck** and **timber** or in a **roof renovation system**.



IKO enertherm ALU TAP

Slope insulation for flat roofs. IKO enertherm ALU TAP is used for insulating flat roofs in plastic and bituminous roof systems with an integrated drainage slope.



IKO enertherm BM

IKO enertherm BM is used for insulating flat roofs in combination with flame-welded bitumen roofing membranes.



IKO enertherm MG

IKO enertherm MG is used for insulating flat roofs in combination **with plastic roofing**. Also possible in combination with **bituminous membranes**.

Benefits:

- Lightweight boards that are easy to handle
- Less volume for the same insulation value
- Very good walkability during installation and afterwards
- Fast and easy to install
- High dimensional stability, shape stability and compressive strength



IKO VAPOUR BARRIERS



IKO shield

IKO shield is a vapour barrier composed of polymer bitumen and an ALU-glass-fleece combination reinforcement. The upper surface of this underlay is finished with sand and the lower surface is protected by a thermofusible film.

IKO shield SA

IKO shield SA is a vapour barrier composed of elastomer (SBS) bitumen and a HDPE-Foil glass-fleece or polyester-glass combination reinforcement. The upper surface is finished with ALU foil and the lower surface is self-adhesive.

Benefits:

- Suitable as vapour barrier for indoor climate class IV
- Suitable for walking
- Quick and easy installation
- Does not influence the building's functionality

	Description	Class	Length	Product no.	Approvals / Labels / Norms	Roof	Top finish	Bottom finish	Thickness					
	IKO base P3 T/F Atelia	I - III	10 m	01533031		-	T	F	3 mm	•	•			
	IKO base P3 SBS T/F Atelia	I - III	10 m	01550902		-	T	F	3 mm	•	•			
	IKOshield ALU/SA	I - IV	50 x 1.08 m	01570256	FM approval	-	ALU	SA	0,25 mm	•	•	•		
	IKO shield PLUS ALU/SA	I - IV	25 x 1.08 m	01570156		-	ALU	SA	0,6 mm	•	•	•		
	IKO shield PRO ALU/SA	I - IV	20 m	01570356		-	ALU	SA	1,8 mm	•	•	•		
	IKO shield ALU3 T/F	I - IV	10 m	01610814	BENOR	-	T	F	3 mm	•	•			
	IKO shield Compact ALU3 T/T	I - IV	5 m	30478210		-	T	T	3 mm					•
	IKO shield ALU4 T/F	I - IV	5 m	01610818		-	T	F	4 mm	•	•			
	IKO base Stick T/SA	I - III	15 x 1.08 m	01570711		-	T	SA	2,5 mm	•	•	•		
	IKO base P3 T/F	I - III	10 m	01533021	BENOR	-	T	F	3 mm	•	•	•		
	IKO base V3 T/F	I - III	10 m	01212312	BENOR	-	T	F	3 mm	•	•			

The building's **indoor climate class** is determined based on the vapour pressure inside the building; this pressure is influenced in particular by the moisture production inside the building. There are four indoor climate classes.

It is recommended to ALWAYS use vapour barriers for indoor climate class III or IV.

	Class I: Buildings with little to no permanent moisture production (Warehouses for dry goods, showrooms, garages, workshops, ...)
	Class II: Buildings with limited moisture production per m ³ and with good ventilation (Schools, shops, sports halls, ...)
	Class III: Buildings with substantial moisture production per m ³ and with moderate to sufficient ventilation (Hospitals, restaurants, buildings with little air-conditioning, ...)
	Class IV: Buildings with high moisture production (Swimming pools, laundries, printing establishments, buildings with much air-conditioning, ...)

IKO ROOF DETAILS



IKO power Drain assortment

The integrity of a roof is dependent on the weakest component. That is why IKO not only produces high-quality roofing systems but also high-end prefabricated roof penetrations – IKO power Drains. The integrated IKO Powergum 4 T/MMP flashing allows perfect fastening to the roof structure without any pre-treatment. The flashing is simply torched directly onto the vapour barrier or underlay - making it quick, easy and guaranteed to be waterproof. The power Drain uses HDPE pipes as much as possible through the roof structure. The advantage of using this plastic is that it does not affect the thermal values of the roof structure (no condensation in the insulation layer).



IKO power Drain V

For vertical drainage.



IKO power Drain H

For horizontal drainage.



IKO power Drain C

To seal conduits and cables.



IKO power Drain Vent

To avoid condensation in the roof structure.



IKO power Drain Shield

To ensure an airtight and waterproof seal on flat roofs at the vapour barrier layer.



IKO power Drain Air Shield

To guarantee the airtightness of warm roof structures.

IKO ROOF DETAILS



IKO flexia liquid waterproofing

You can use our liquid waterproofing for sealing complex roof details such as roof windows, skylights, chimneys, etc. which are difficult to seal with bituminous roofing membranes or which need to be fastened flame-free.



IKO hybritech MS Detail

In IKO hybritech systems, the waterproofing consists of a revolutionary liquid waterproofing product. This single-component product is solvent-free, isocyanate-free, odourless and based on hybrid polymers with excellent mechanical properties and hardness. The waterproofing product is installed quickly, as the second layer is installed wet-on-wet on the first layer.

Benefits:

- Easy to use
- Fast installation: wet-on-wet
- Solvent-free and odourless
- Isocyanate-free
- Longer curing time - no potlife



IKO metatech Detail

A two-component coating based on methacrylates that cures after the hardener powder has been incorporated. Apart from fast curing (after only 45 minutes), IKO metatech Detail is also characterised by rapid installation, as the second layer is applied wet-on-wet to the first layer.

Benefits:

- Easy to use
- Sustainable PMMA technology
- Longer curing time - no potlife
- Highest classifications according to ETAG005



IKO FLAME-FREE SOLUTIONS



Besides the traditional flame welding of bitumen membranes, there are also many other ways to make a flat roof completely waterproof. When blowtorches are banned from the roof, roofers can apply the bitumen entirely without flame, using self-adhesive membranes, cold-gluing or mechanically fixed systems. IKO offers the appropriate membrane or system for every one of these solutions. The overlaps in IKO roofing rolls can be welded with hot air or using an 'encapsulated flame'.

IKO segura total solution

The IKO segura waterproofing system with Carrara technology is a single-ply, bitumen-based, self-adhesive waterproofing system for flat roofs. It is a high-quality, sturdy and thick (4 mm) bituminous membrane with a safety overlap for the immediate sealing and protection of the insulation. This allows the overlap to be heat-welded, whereby the installation of this system can be carried out without requiring a flame.



IKO FLAME-FREE SOLUTIONS



Cold-glue systems

Cold-gluing is another way of waterproofing the flat roof without the use of a blowtorch. The gluing of roofing sheets can be achieved quickly and safely. IKO's range includes top layers and underlay that can be glued. Also, in the IKO pro range, IKO has developed cold-gluing to allow the continued and perfect compatibility between the membrane and glue. The overlaps can be either torched or heat-welded.



Mechanically fixed systems

When using mechanical application methods, the roofing is fixed with screws and washers. You can choose between a partial mechanical or full mechanical fixing. Another benefit of a mechanically fixed roof is that the roof elements can be easily separated when demolished later.

The IKO membranes labelled TECNO are especially designed for mechanical fixing. They have an extra-wide overlap of 12 cm for an extra-strong and secure welded seam. The overlap can be either torched or heat-welded.



Self-adhesive underlay and vapour barriers

Self-adhesive underlay and vapour barriers are standard in the IKO range. These are the IKO base and IKO shield membranes with reference to Stick and/or SA in the name. The underside of the self-adhesive rolls is protected with a light-grey release film.

This film is easily removed during installation, whereby the membrane immediately sticks to the surface below. Installation of self-adhesive membranes is quick and allows work to progress very efficiently.

IKO SERVICES

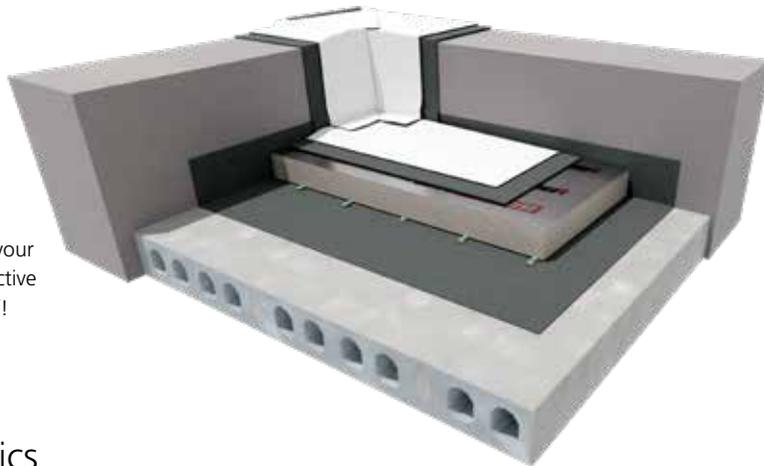


IKO provides fast and customised advice

IKO Design Center

The substrate, roof type, required insulation value, etc. are all parameters that determine the choice of a roofing product. Which products are compatible to ensure excellent quality?

In the IKO Design Center, you can create your roof in just a few clicks. This is a cost-effective and time-saving way to visualise your roof!



Wind load, slope and building physics

Every roof must meet high thermal requirements. We can help you by performing your wind load and slope calculations in accordance with to the latest regulations.

Wind load calculation



Slope calculation



Building physics calculation



IKO Design Center



IKO SERVICES



IKO provides training and security

IKO Experience Center

We look forward to sharing our knowledge with you! At our IKO Experience Center, you can attend free training and refresher courses that focus on the use of IKO products and techniques. This also gives us the opportunity to teach the new generation of roofers how to lay a high-quality roof according to industry best practices.

IKO Insured Guarantee

IKO has a customised solution for the entire roof assembly and all its components. All IKO products are designed to work seamlessly together and guarantee a waterproof flat roof.

The entire IKO roof package, installed by an IKO Certified Contractor, is covered by an insured guarantee.



This comprehensive insured guarantee provides you with a durable and secure roof. The entire roof is guaranteed to be watertight, and unexpected leaks due to errors in installation are also covered. IKO carries out roof inspections during the installation, so we can guarantee the products as well as the workmanship. For the building owner, this is an additional assurance that the claim for compensation applies for 10 years and is guaranteed under all circumstances. This guarantee is unique in the sector!



IKO | 10 YEAR WATERPROOF INSURED GUARANTEE

Guarantee certificate number:

Client:
 Name: _____
 Postcode: _____ Street: _____ No: _____
 Telephone: _____ Town/City: _____ Fax: _____ County: _____

Project:
 Name: _____
 Postcode: _____ Street: _____ No: _____
 Telephone: _____ Town/City: _____ Fax: _____ County: _____
 Name of the building: _____
 Projected surface area: _____ m² (incl. fittings and eaves)

IKO certified roofer/contractor:
 Name: _____
 Postcode: _____ Street: _____ No: _____
 Telephone: _____ Town/City: _____ Fax: _____ Country: _____

The certified roofer/contractor certifies the following
 New
 Existing

IKO waterproofing systems	Product name	Installation method (code)

Start date of the works: _____ End date of the works: _____
 Date of final delivery: _____
 Invoice number and date of the certified roofer/contractor: _____
 Total invoice amount for the waterproofing system, including VAT: _____
 IKO site inspection report (date + reference): _____
 Signed on _____ on _____ Signed in Antwerp on _____
 IKO Certified Contractor _____ On behalf of IKO _____

ROOFING | WATERPROOFING | INSULATION
 IKO nv - Dierprovenlaan 80 - 2020 Antwerp - Belgium - +32 3 248 30 00 - info@iko.be

IKO roof structures



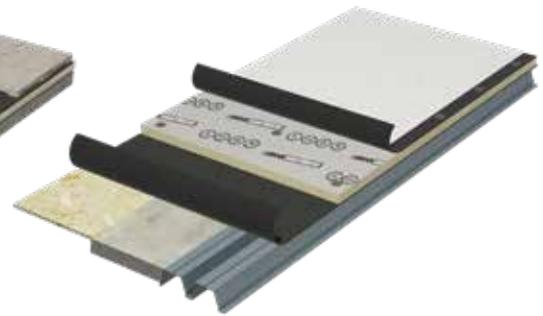
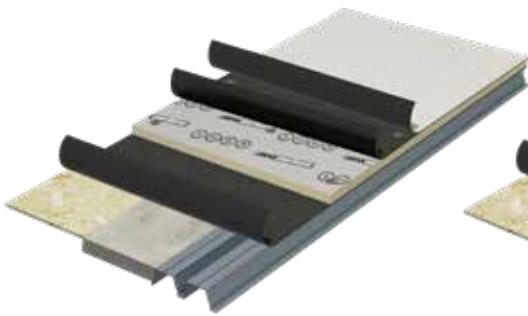
- NEW BUILD
- CONCRETE / STEELDECK / WOOD
- MECHANICALLY FIXED 2-LAYER



- NEW BUILD
- CONCRETE / STEELDECK / WOOD
- LOOSE-LAID AND BALLASTED SYSTEM



- NEW BUILD
- CONCRETE / STEELDECK / WOOD
- MECHANICALLY FIXED 1-LAYER



CAP SHEET
IKO carrara
IKO powergum Atelia

FASTENING OF CAP SHEET
Fully bonded by torching



CAP SHEET
IKO powergum Atelia

FASTENING OF CAP SHEET
Fully bonded by torching



CAP SHEET
IKO carrara Tecno SN

FASTENING OF CAP SHEET
Mechanical fastening with polypropylene fasteners



UNDERLAY
IKO base P3 T/F Atelia
IKO base P3 SBS T/F Atelia

FASTENING OF UNDERLAY
Mechanical fastening with polypropylene fasteners



UNDERLAY
IKO base P3 T/F Atelia

FASTENING OF UNDERLAY
Loosely laid



UNDERLAY
N/A

FASTENING OF UNDERLAY
N/A



INSULATION
IKO enertherm Atelia

FASTENING OF INSULATION
Mechanical fastening with polypropylene fasteners



INSULATION
IKO enertherm Atelia

FASTENING OF INSULATION
Loosely laid



INSULATION
IKO enertherm Atelia

FASTENING OF INSULATION
Mechanical fastening with polypropylene fasteners



VAPOUR BARRIER
IKO base P3 T/F Atelia
IKO base P3 SBS T/F Atelia

FASTENING OF VAPOUR BARRIER
Loosely laid



VAPOUR BARRIER
IKO base P3 T/F Atelia

FASTENING OF VAPOUR BARRIER
Loosely laid



VAPOUR BARRIER
IKO base P3 SBS T/F Atelia

FASTENING OF VAPOUR BARRIER
Loosely laid

SUBSTRATE
Concrete / Steeldeck / Wood

SUBSTRATE
Concrete / Steeldeck / Wood

SUBSTRATE
Concrete / Steeldeck / Wood

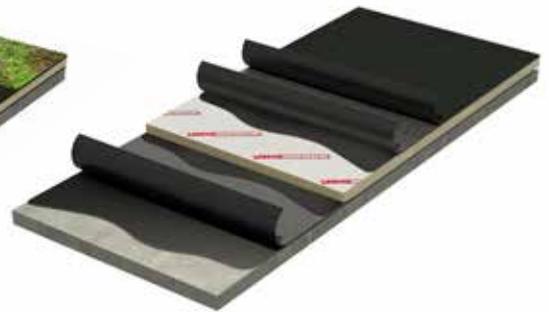
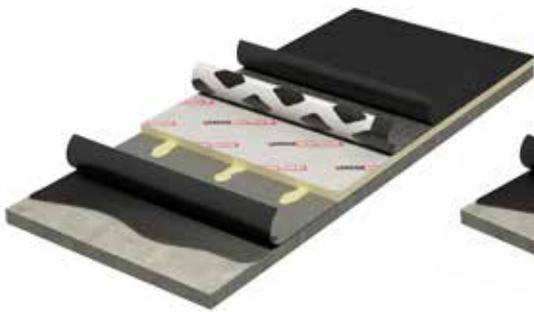
IKO pro Sprayfast or IKO pro PU glue can also be used for bonding the insulation boards.

N/A = not applicable

- NEW BUILD
- CONCRETE
- BONDED SYSTEM

- NEW BUILD
- CONCRETE
- GREEN ROOF

- NEW BUILD
- CONCRETE
- COMPACT ROOF



CAP SHEET

IKO carrara
 IKO carbon
 IKO pantera
 IKO powergum
 IKO powerflex
 IKO summa

FASTENING OF CAP SHEET

Fully bonded by torching



CAP SHEET

IKO carbon 250
 IKO roofgarden

FASTENING OF CAP SHEET

Fully bonded by torching



CAP SHEET

IKO roofgarden pantera

FASTENING OF CAP SHEET

Fully bonded by torching



UNDERLAY

A: IKO base Quadra T/SA
 A: IKO base Quadra F/SA
 B: IKO base Quadra T/F at temp. < 5°C

FASTENING OF UNDERLAY

A: Pull away release foil + press
 B: Partially welded at temp. < 5°C



UNDERLAY

A: IKO base Quadra T/SA
 A: IKO base Quadra F/SA
 B: IKO base Quadra T/F at temp. < 5°C

FASTENING OF UNDERLAY

A: Pull away release foil + press
 B: Partially welded at temp. < 5°C



UNDERLAY

IKO base V3 T/T

FASTENING OF UNDERLAY

Full bonding with hot bitumen



INSULATION

IKO enertherm ALU
 IKO enertherm BGF bij t° < 5°C

FASTENING OF INSULATION

Partially bonded with IKO pro Fix gun



INSULATION

IKO enertherm ALU
 IKO enertherm BGF bij t° < 5°C

FASTENING OF INSULATION

Partially bonded with IKO pro Fix gun



INSULATION

IKO enertherm MG

FASTENING OF INSULATION

Full bonding with hot bitumen



VAPOUR BARRIER

IKO shield ALU3 T/F
 IKO shield ALU4 T/F

FASTENING OF VAPOUR BARRIER

Fully bonded by torching



VAPOUR BARRIER

IKO shield ALU3 T/F
 IKO shield ALU4 T/F

FASTENING OF VAPOUR BARRIER

Fully bonded by torching



VAPOUR BARRIER

IKO shield Compact ALU3 T/T

FASTENING OF VAPOUR BARRIER

Full bonding with hot bitumen

SUBSTRATE

Concrete + IKO pro Quickprimer or
 IKO pro ECO primer

SUBSTRATE

Concrete + IKO pro Quickprimer or
 IKO pro ECO primer

SUBSTRATE

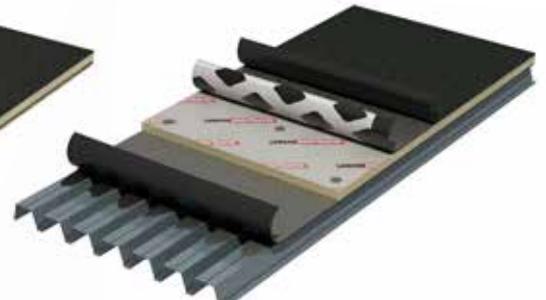
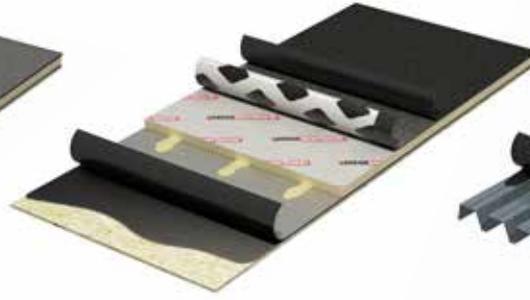
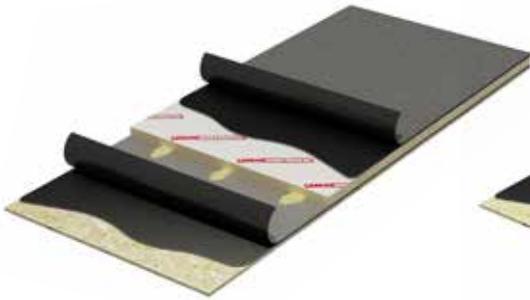
Concrete + IKO pro SA primer

IKO roof structures

- NEW BUILD
- WOOD
- SINGLE-PLY COLD BONDED

- NEW BUILD
- WOOD
- BONDED SYSTEM

- NEW BUILD
- STEELDECK
- MECHANICALLY FASTENED INSULATION



CAP SHEET

IKO powergum 4 T/MMP
IKO powergum 4 AD/MMP

FASTENING OF CAP SHEET

Fully bonded with cold adhesive IKO pro



CAP SHEET

IKO carrara
IKO carbon
IKO pantera
IKO powergum
IKO powerflex
IKO summa

FASTENING OF CAP SHEET

Fully bonded by torching



CAP SHEET

IKO carrara
IKO carbon
IKO pantera
IKO powergum
IKO powerflex
IKO summa

FASTENING OF CAP SHEET

Fully bonded by torching



UNDERLAY

N/A

FASTENING OF UNDERLAY

N/A



UNDERLAY

A: IKO base Quadra T/SA
A: IKO base Quadra F/SA
B: IKO base Quadra T/F at temp. < 5°C

FASTENING OF UNDERLAY

A: Pull away release foil + press
B: Partially welded at temp. < 5°C



UNDERLAY

A: IKO base Quadra T/SA
A: IKO base Quadra F/SA
B: IKO base Quadra T/F at temp. < 5°C

FASTENING OF UNDERLAY

A: Pull away release foil + press
B: Partially welded at temp. < 5°C



INSULATION

IKO enertherm MG

FASTENING OF INSULATION

Partially bonded with IKO pro Fix gun



INSULATION

IKO enertherm ALU
IKO enertherm BGF at temp. < 5°C

FASTENING OF INSULATION

Partially bonded with IKO pro Fix gun



INSULATION

IKO enertherm ALU
IKO enertherm BGF at temp. < 5°C

FASTENING OF INSULATION

Mechanically fastened using IKO fix EDS-S, small round plates



VAPOUR BARRIER

IKO shield PRO ALU/SA

FASTENING OF VAPOUR BARRIER

Pull away release foil + press



VAPOUR BARRIER

IKO shield PRO ALU/SA

FASTENING OF VAPOUR BARRIER

Pull away release foil + press



VAPOUR BARRIER

IKO base stick T/SA

FASTENING OF VAPOUR BARRIER

Pull away release foil + press

SUBSTRATE

Wood + IKO pro SA primer

SUBSTRATE

Wood + IKO pro SA primer

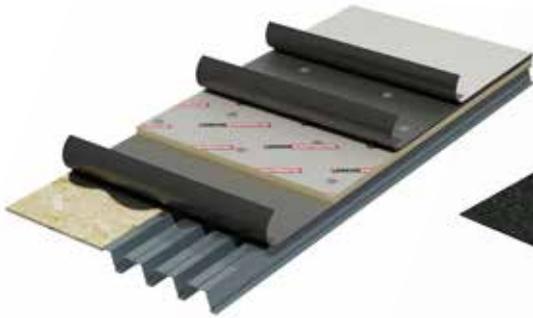
SUBSTRATE

Steeldeck + IKO pro SA primer

- NEW BUILD
- STEELDECK OR WOOD
- MECHANICALLY FASTENED INSULATION AND UNDERLAY

- REFURBISHMENT
- WITH INSULATION
- BONDED SYSTEM

- REFURBISHMENT
- WITHOUT INSULATION
- PARTIALLY TORCHED SYSTEM



CAP SHEET

IKO carrara
 IKO carbon
 IKO pantera
 IKO powergum
 IKO powerflex
 IKO summa

FASTENING OF CAP SHEET

Fully bonded by torching



CAP SHEET

IKO carrara
 IKO carbon
 IKO pantera
 IKO powergum
 IKO powerflex
 IKO summa

FASTENING OF CAP SHEET

Fully bonded by torching



CAP SHEET

IKO powergum quadra AD
 IKO powerflex Quadra Black

FASTENING OF CAP SHEET

Partially torched



UNDERLAY

IKO base P3 T/F
 IKO base P3 F/T
 IKO base P3200 SBS F/T
 IKO base P4000 SBS T/F

FASTENING OF UNDERLAY

Mechanically fastened



UNDERLAY

A: IKO base Quadra T/SA
 A: IKO base Quadra F/SA
 B: IKO base Quadra T/F at temp. < 5°C

FASTENING OF UNDERLAY

A: Pull away release foil + press
 B: Partially welded at temp. < 5°C



UNDERLAY

N/A

FASTENING OF UNDERLAY

N/A



INSULATION

IKO enertherm ALU

FASTENING OF INSULATION

Mechanically fastened using IKO fix EDS-S, small round plates



INSULATION

IKO enertherm ALU
 IKO enertherm BGF at temp. < 5°C

FASTENING OF INSULATION

Partially bonded with IKO pro Fix gun



INSULATION

N/A

FASTENING OF INSULATION

N/A



VAPOUR BARRIER

A: IKO base Stick T/SA
 B: IKO base P3000 SBS T/F

FASTENING OF VAPOUR BARRIER

A: Pull away release foil + press
 B: Mechanically fastened



VAPOUR BARRIER

Old bitumen roof covering

FASTENING OF VAPOUR BARRIER

Check the wind stability of the old bitumen roof covering



VAPOUR BARRIER

N/A

FASTENING OF VAPOUR BARRIER

Check the wind stability of the old bitumen roof covering

SUBSTRATE

A: Steeldeck or wood + IKO pro SA primer
 B: Steel deck or wood without primer

SUBSTRATE

Old bitumen roof covering

SUBSTRATE

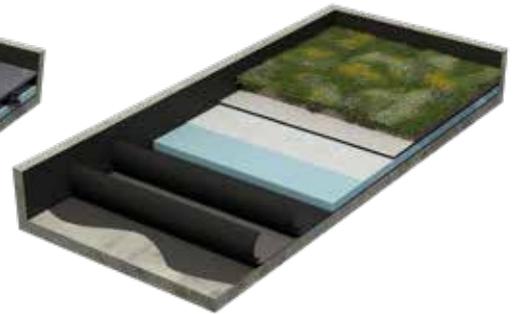
Old bitumen roof covering +
 IKO pro Quickprimer or ECO primer

IKO roof structures

- NEW BUILD INVERTED ROOF
- CONCRETE
- GRAVEL

- NEW BUILD INVERTED ROOF
- CONCRETE
- TILES

- NEW BUILD INVERTED ROOF
- CONCRETE
- GREEN ROOF



BALLAST
Gravel

SEPARATING LAYER
Waterproof vapor-open membrane



INSULATION
XPS insulation boards

FASTENING OF INSULATION
Loosely laid



CAP SHEET
IKO powerflex 4 T/F ICE
Upstands:
IKO powerflex 4 AD/F ICE

FASTENING OF CAP SHEET
Fully bonded by torching



UNDERLAY
IKO powerflex 5000 T/F

FASTENING OF UNDERLAY
Fully bonded by torching

SUBSTRATE

Concrete + IKO pro Quickprimer
or IKO pro ECO primer



BALLAST
Tiles

SEPARATING LAYER
Waterproof vapor-open membrane



INSULATION
XPS insulation boards

FASTENING OF INSULATION
Loosely laid



CAP SHEET
IKO powerflex 4 T/F ICE
Upstands:
IKO powerflex 4 AD/F ICE

FASTENING OF CAP SHEET
Fully bonded by torching



UNDERLAY
IKO powerflex 5000 T/F

FASTENING OF UNDERLAY
Fully bonded by torching

SUBSTRATE

Concrete + IKO pro Quickprimer
or IKO pro ECO primer



BALLAST
Green roof

SEPARATING LAYER
Waterproof vapor-open membrane



INSULATION
XPS insulation boards

FASTENING OF INSULATION
Loosely laid



CAP SHEET
IKO roofgarden

FASTENING OF CAP SHEET
Fully bonded by torching



UNDERLAY
IKO powerflex 5000 T/F

FASTENING OF UNDERLAY
Fully bonded by torching

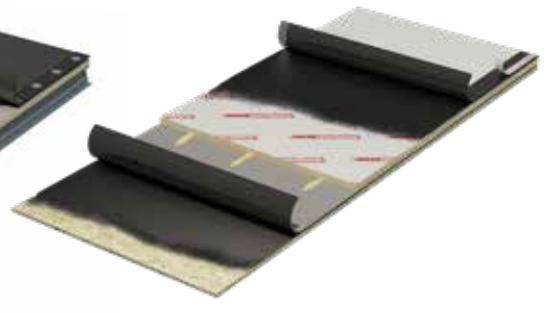
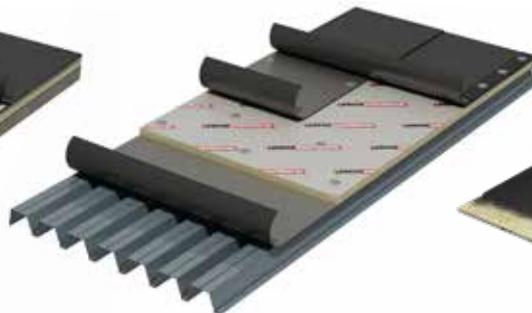
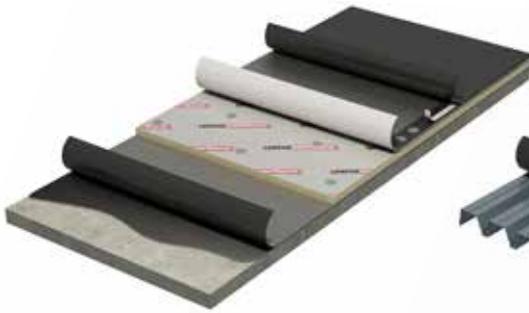
SUBSTRATE

Concrete + IKO pro Quickprimer
or IKO pro ECO primer

- NEW BUILD
- DENMARK
- CONCRETE

- NEW BUILD
- FM
- STEELDECK

- NEW BUILD
- SECURA
- OSB BOARDS



 **CAP SHEET**
IKO powerflex PF 5000

FASTENING OF CAP SHEET
Fully bonded by torching

 **CAP SHEET**
A: IKO powergum 470K24
B: IKO powerflex MONO 3 MB

FASTENING OF CAP SHEET
A: Fully bonded by torching
B: Mechanically fastened

 **CAP SHEET**
IKO secura

FASTENING OF CAP SHEET
Pull away release foil + press
IKO pro Activator canister
Safety lap heat-welded or torched by flame

 **UNDERLAY**
IKO base Stick SBS PF 3500

FASTENING OF UNDERLAY
Mechanically fastened

 **UNDERLAY**
A: IKO base Tecno APP F/FL

FASTENING OF UNDERLAY
A: Mechanically fastened

 **UNDERLAY**
N/A

 **INSULATION**
IKO enertherm ALU

FASTENING OF INSULATION
Mechanically fastened

 **INSULATION**
IKO enertherm ALU F4

FASTENING OF INSULATION
Mechanically fastened

 **INSULATION**
IKO enertherm MG

FASTENING OF INSULATION
Partially bonded with IKO pro Fix gun

 **VAPOUR BARRIER**
IKO base PF 3500

FASTENING OF VAPOUR BARRIER
Fully bonded by torching

 **VAPOUR BARRIER**
IKO shield ALU/SA

FASTENING OF VAPOUR BARRIER
Pull away release foil + press

 **VAPOUR BARRIER**
IKO shield PLUS ALU/SA

FASTENING OF VAPOUR BARRIER
IKO pro Activator canister

SUBSTRATE
Concrete + IKO pro Quickprimer
or IKO pro ECO primer

SUBSTRATE
Steeldeck

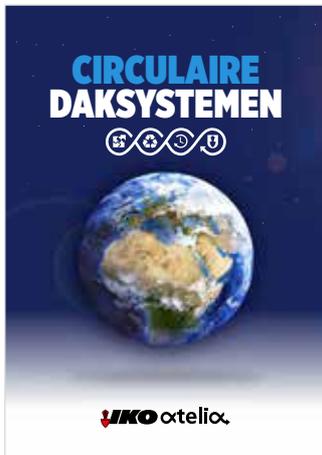
SUBSTRATE
OSB boards

IKO pro Sprayfast or IKO pro PU glue can also be used for bonding the insulation boards.

N/A = not applicable

Consult our ...

... other brochures



... extensive technical data sheets

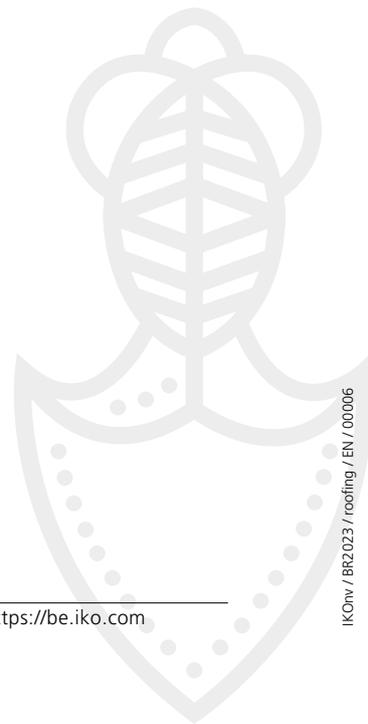


... IKO Guides that share our flat roof and waterproofing expertise!



ROOFING | WATERPROOFING | INSULATION

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LEGEND

CAP SHEET FINISH:

- GRW** → White granulate
- GRB/GRC** → Black granulate
- GRR** → Red granulate
- T or TT** → Talc / sand
- AD** → Dark slate
- AR** → Light slate
- AW** → White slate
- F** → Full-surface thermofusible film
- ALU** → Aluminium foil

REINFORCEMENT:

- V** → Glass fibre fleece reinforcement
- P** → Polyester reinforcement
- ALU** → Aluminium reinforcement

ROLL QUALITIES:

-  **Turbo** → quick welding roll
-  **Quadra** → vapour pressure distributing roll
-  **Tecno** → roll for mechanical fastening
-  **Safety overlap**
-  **Root resistant**

BOTTOM FINISH:

- F** → Full-surface thermofusible film
- QUADRA** → 'Diamond' profile
- TURBO** → Burled profile
- MMP** → Perforated polyethylene thermofusible film
- SA** → Siliconised, white release foil, self-adhesive
- T** → Talc / sand
- FL** → Naked polyester fleece

INSTALLATION

-  Torch-on
-  Cold bonding
-  Hot-glued with bitumen
-  Mechanical fastening
-  Self-adhesive
-  Loose-laid with ballast

ROOF STRUCTURES

-  Cap sheet
-  Underlay
-  Insulation layer
-  Vapour barrier
-  Ballast layer