



SKINBASED.COM

WINTER

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Without nature, we are nothing

From the beginning, it was the beautiful forests, rolling hills, frozen lakes, and stunning fells that inspired us to create. Without our local environment, and the desire to travel in it, Skinbased™ skis by OAC simply would not be.

Our focus on creating products that suit a wide range of people, places, landscapes, and conditions, allows us to do more with less. The ability to seamlessly transition from uphill travel through dense forests, across the flat, frozen boglands, and to downhill terrain in open glades gives one the true experience of these natural environments; the understanding that they are all connected.

It is the call of adventure and our draw to the outdoors that motivates and influences our actions. As outdoor enthusiasts ourselves, the environment, and the impact we as a company have on it, is of immense concern. In our production, we work hard towards developing more sustainable processes and practices. In addition, we manufacture all our products close to our home, in Finland. Finland has strict regulations on manufacturing and waste management, thus ensuring that our facility is held to a high level of accountability.

We believe that our products both promote and encourage responsible, low-impact ways to recreate in and enjoy nature. By offering opportunities for people to experience the pleasures of the outdoors, we strongly believe that the connection between nature and the user will strengthen, giving even more reasons to care for our winters and protect our natural spaces.





Everyday outdoors

The cold evening air that nips at your nose, the freedom of feeling your body move under its own strength, the glistening snowflakes that dance around your feet with each glide forward; why should we limit these pleasures only to our holidays? Skinbased™ products are created to bring the joys of winter to all users and to offer easy access to wintery nature everywhere.

While each of us have different experiences in nature, and different reasons for wanting to connect with the outdoors, it is well established that immersing oneself in nature daily can benefit not only the body, but also the mind. Skinbased™ products help to facilitate this connection. Our skis and bindings are made to suit people of all experience levels. From those just discovering the magic of the fourth season, to those winter veterans who were skiing before they could walk, our products will bring fun and satisfaction to everyone.

Now, no matter city or countryside, plains or mountains, city parks or deep wilderness, Skinbased™ skis by OAC can help you to experience your own winter wonderland, everyday.



XCD GT 160

The XCD GT 160 is a playful touring ski that offers the perfect combination of flotation, edge control, grip, and glide.

From rolling hills to untracked trails, our GT 160 is an ideal companion for backcountry exploration, and sure to bring joy to all your winter adventures.

Technical specifications:

- OAC Braid box construction
- Compression resistant elastic foam core
- Patented OAC Unicoat skibase
- Integrated high quality Mo-hair-mix skin
- ALU/ GF reinforcement at binding area
- Steel edges
- Weight 1080g w/o binding
- Width 116-86-100mm
- Made in Finland by OAC Tech

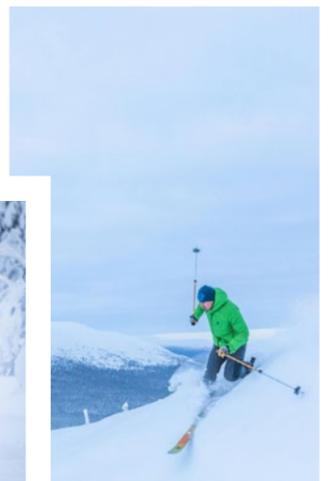
Flotation
Glide
Traction
Trails
Downhill
Powder
Hardpacked



Watch the product video



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XCD GT 137

Our XCD GT 137 was created with the next generation of skiers in mind.

As the natural continuation of the POH 100, the GT 137 offers all the same technical features as its bigger brother, the GT 160, but in a shorter and more compact package.

The GT 137 offers excellent performance on rolling terrain and backcountry trails, and packs in plenty of fun on descents.

Technical specifications:

- OAC Braid box construction
- Compression resistant elastic foam core
- Patented OAC Unicoat skibase
- Integrated high quality Mo-hair-mix skin
- ALU/ GF reinforcement at binding area
- Steel edges
- Weight 1040g w/o binding
- Width 113-85-98mm
- Made in Finland by OAC Tech

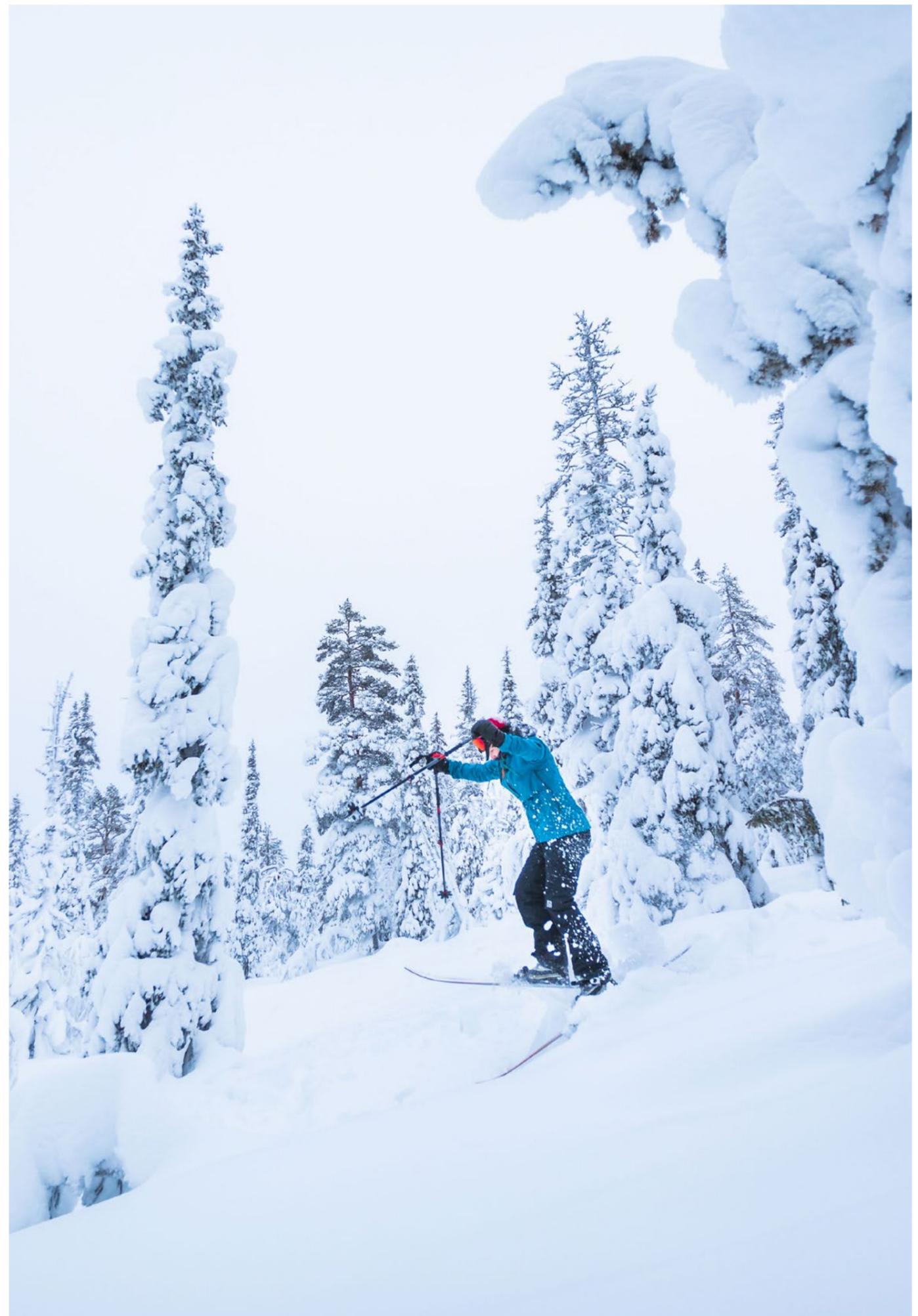
Floatation
Glide
Traction
Trails
Downhill
Powder
Hardpacked



Watch the product video



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A Season for Connecting



The winter explorer gains far more than just a nice day outdoors. Whether it's the silence of the snow-covered landscape, the fresh perspective on common surroundings, or something else entirely, we believe that sharing the experience of winter with others can help to develop and deepen interpersonal connections. Among the snowy landscapes, friendships are forged and lasting memories are made.

Beyond the connections to others, one begins to understand and appreciate nature in all its seasons and forms. The beauty of the moon's soft light reflected off of the snow, or the warming glow of a crackling outdoor fire, these and so many other small moments of nature's magic can turn the winter season itself into an annual experience you look forward to with anticipation.

From children, to youngsters and teens, to adults young and old, there is a Skinbased™ ski for everyone. Whether it's a group of friends, family, or even oneself, the beauty of nature can help us to strengthen our bonds to our environment, to others, and even to better understand ourselves.





KAR 147

Designed as a combination of a Nordic backcountry ski, telemark/touring ski, and snowshoe, the KAR 147 provides unmatched versatility and is a backcountry one-ski quiver.

Its broad width and steel edges make it equally at home on any type of snow, from hardpack to powder. Thanks to its short length, the KAR is super agile, allowing for turns in even the gnarliest of bushes and forests.

Technical specifications:

- OAC Braid box construction
- Compression resistant elastic foam core
- Patented OAC Unicoat skibase
- Integrated high quality Mohair-mix skin
- ALU/ GF reinforcement at binding area
- Steel edges
- Weight 1200g w/o binding
- Width 125-110-122mm
- Made in Finland by OAC Tech

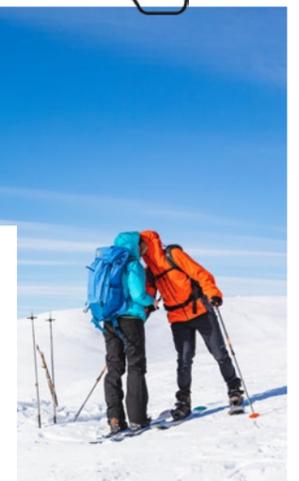
Floation
Glide
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Watch the product video



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WAP 127

Combining the ease-of-use of a snowshoe, with the enjoyment and speed of a ski, the WAP 127 has a short, wide and slightly cambered design suitable for a variety of backcountry activities.

Originally created as a cross between a snowshoe and a hunting ski, this "sliding snowshoe" is the widest ski in the range, offering superior float in deep snow. The short length, low weight, and composite edge make the WAP an ideal companion for travel, or for use with pets. Keep a pair in your car's trunk, or by the front door, and you will always be ready to make the most of what winter brings.

Technical specifications:

- OAC Braid box construction
- Compression resistant elastic foam core
- Patented OAC Unicoat skibase
- Integrated high quality Mo-hair-mix skin
- ALU/ GF reinforcement at binding area
- Weight 1000g w/o binding
- Width 135-120-132mm
- Made in Finland by OAC Tech

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- Floation
- Glide
- Traction
- Trails
- Downhill
- Powder
- Hardpacked
- Safety with Dog



Watch the product video





POH 100

The POH 100 was created to share the joys of winter with the youngest skiers of the family.

As a go-everywhere ski for children, the POH offers the same fun, Skinbased™ experience to young adventurers, without sacrificing any functionality or performance.

Built for users 5 years of age and older, the POH has many child-specific features such as a composite edge, which is safe for kids and their clothing. Combined with our EA Junior Universal Binding, you have a simple, versatile, and fun way for children to discover the outdoors.

Technical specifications:

- OAC Braid box construction
- Compression resistant elastic foam core
- Patented OAC Unicoat skibase
- Integrated high quality Mohair-mix skin
- ALU/ GF reinforcement at binding area
- Weight 450g w/o binding
- Width 98-80-82mm
- Made in Finland by OAC Tech

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Floatation
Glide
Traction
Trails
Downhill
Powder
Hardpacked
Safety with Dog



Watch the product video





EA Universal Binding

Redesigned for 2021, our new EA Universal Binding now comes in a lighter, higher-performing design, while still maintaining all of its original ease-of-use.

Featuring slimmer ratchet buckles, weight-saving straps, and a reengineered heel unit, the new EA Universal Binding is assembled entirely from parts made in the EU. Now, our binding feels even lighter on your feet, and all without sacrificing any long-term durability. In addition, we have also incorporated more spring power into the binding, allowing for both better stability and greater edge control.

Whether you enjoy the uphill workout, value the freedom of movement on the flats, or relish the thrill of the descent, we feel our redesigned EA Universal Binding has improvements that every Skinbased™ enthusiast will appreciate.

Our EA Universal Binding is designed to work with a wide selection of flexible-soled shoes, eliminating the need for a dedicated pair or ski boots. Built entirely in the EU from the highest quality materials, the EA Binding will perform even in the harshest environments. The thick flexplate and powerful hinge mechanism provide a solid ski feel and offer excellent lateral stability. Compatible with a large range of shoe sizes and styles, the EA Universal Binding is suitable for most adult size boots. The base unit features a spring mechanism which doubles as an adjustment lever, allowing for in-the-field size adjustments, even while wearing gloves!

Not suitable for ice climbing or mountaineering boots





EA Junior Universal Binding

Children are now able to use their own winter boots or hiking shoes for skiing.

Our EA Junior Binding is specifically made for the smaller skiers with features such as shorter baseplate and straps, plastic buckles, and a softer spring.

Kid size technical specifications:

- NN75 screw pattern
- Weight: 1000g/ pair
- Boot sole length: 22.5cm - 30.5cm



Spare Parts - Available for both EA bindings



Heel Guide



Toe Strap



Flex Plate



Rubber Spring



Expedition Spare Kit

Go to Wax - By MountainFlow



Calming Skin Wax

Ice on your skins is very uncalming! Our calming skin wax helps prevent icing on climbing skins.

- Plant-Based + Biodegradable
- 0% Petroleum
- Can apply in the field
- Size: 57g
- By MountainFLOW eco-wax



The Great cold weather wax

Easy to apply and works great in all conditions.

- Plant-Based + Biodegradable
- 0% Petroleum
- -1/-10C
- Buttery-smooth glide
- Size: 57g
- By MountainFLOW eco-wax



The Great warm weather wax

Easy to apply and works great in all conditions.

- Plant-Based + Biodegradable
- 0% Petroleum
- -4/+4C
- Buttery-smooth glide
- Size: 57g
- By MountainFLOW eco-wax



Maintaining and installation

 Watch the product maintain and mounting guide videos 

OAC UNICOAT

Unicoat base is a tough and easy to care for ski base construction, which we have invented. The use of the latest composite materials, manufacturing methods and extensive field testing has resulted this tough and easy to maintain base. This base absorbs liquid waxes, so you can forget about the hot iron and time consuming waxing procedure. Do not grind the Unicoat base with ski grinding machines. Patented.

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BINDING MOUNT GUIDELINES

Measurements for front screw positioning taken from tail, in centi- meters.

	OAC EA	3PIN	Drill Bit
WAP UC 127	70 cm	72 cm	4,1/13mm
KAR UC 147	80 cm	82 cm	4,1/13mm
XCD/XCD GT160	85 cm	87 cm	4,1/13mm
XCD GT 137 UC	73 cm	75 cm	4,1/13mm
POH UC	54,5 cm		4,1/9mm

Heel Guide	Distance from EA front screw 180-240 mm. Screw distance 100 mm. Drill Bit: 4,1/11mm
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SKI MAINTENANCE

To maintain optimal performance of your OAC skis, there are two areas that require regular maintenance. The first is the base material. Our Unicoat base absorbs liquid and paste waxes only. Do not use hot waxes. Any application of wax which involves the use of an iron will permanently damage the base and void any manufacturer's warranty.

Our skis come from the factory pre-waxed and ready for use out of the box. Over time though, you may notice a decrease in glide performance. To improve the glide, simply apply a coat of liquid wax evenly to all gliding areas. Allow it to dry for 10 minutes, then polish with cork or a cloth.

The second area requiring occasional maintenance is the climbing skin. We recommend using only Nikwax's Ski Skin Proof on our skins. Start by shaking the skin-proof to ensure a well-mixed solution. Next, press the applicator sponge to break seal. Starting from the front of the ski, apply the skin-proof and work the solution into the skin's fibers. Be sure to cover the entire skin area. When finished, allow to dry thoroughly. A short demonstration video can be found on our website under the "Instructions and Manuals" tab.

BINDING MAINTENANCE

We suggest that binding maintenance be performed regularly, and especially before any larger outing. Start by lifting the orange lever and sliding the heel unit off of the baseplate. Clean any debris from the heel unit with a cloth. Next, using silicone spray, lubricate the spring unit. Wipe away any excess with a clean cloth. Following this, set aside the heel plate and clean the base plate using the same process. When finished, slide the heel unit back into its position and lock in place. Lastly, check that the fixing screws of the toe and ankle strap buckles are not loose. If necessary, tighten using a #2 Phillips head screwdriver. A short demonstration video can be found on our website under the "Instructions and Manuals" tab.

BINDING INSTALLATION

Before beginning, please read the binding manual. A copy of this, along with a binding installation video tutorial, can be found under the "Instructions and Manuals" tab on our website. Next, if mounting to a ski that requires drilling, be sure to check your ski manufacturer's drilling specs, and always use a mounting jig if possible.

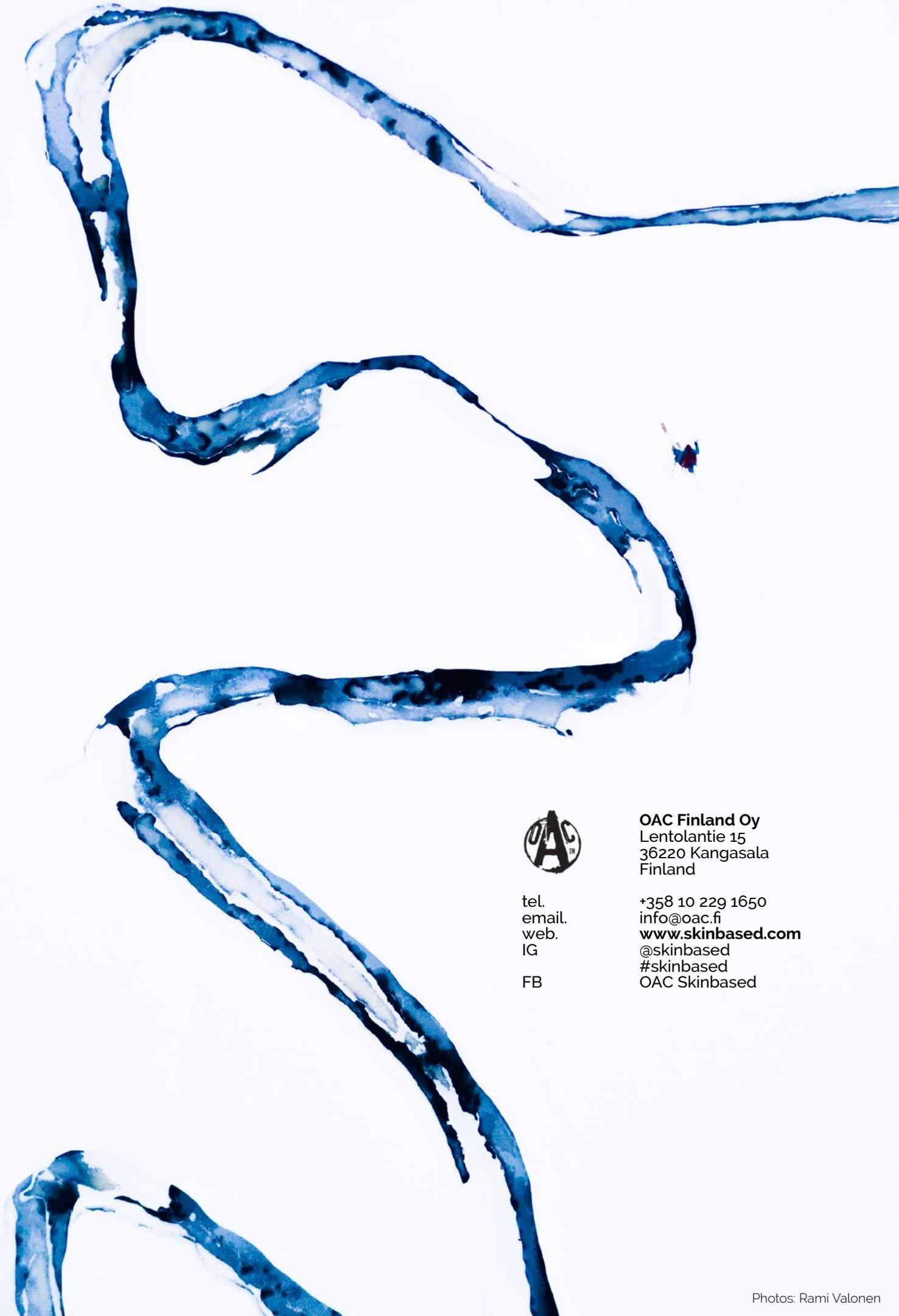
Most OAC skis come pre-mounted and ready to accept EA Universal Bindings or any binding with a NN75 pattern. To help keep water out, add a small amount of epoxy to each screw hole before placing the screws. Next, place the base plate in position over the screw holes. Place the forward-most screw to hold the plate in position, then mount the base plate with the two rear screws - be sure not to overtighten! When complete, remove the forward-most screw. Next, insert the toe strap and lock into place with the toe piece. Reinstall the forward-most screw. Finish by tightening all screws by hand with a PZ3 screwdriver. For the heel piece, start by lifting the orange lever and remove the cardboard. While the orange lever still lifted, slide the heel unit onto the flex plate. Once in position, press down on the orange lever and lock into place. Pro tip: If you know what shoe you will be skiing in, use it as a reference point for where to place the heel unit.

MOHAIR-MIX SKIN

We use the best skin material available. It is a mix of Mohair (65%) and Nylon (35%). The ski and its skin are ready to be used straight from the package. After some time it is recommended to maintain the water repellency with right products. We recommend the skin proof by Nikwax for this purpose. It is also recommended to carry piece of glop stopper wax with on spring ski trips. Do not use skin care products that are solvent based. They may damage the skin or the glue.

WARNING

OAC Skis are designed for backcountry skiing only. Before using this product, read and understand all instructions and familiarize yourself with its proper use, capabilities and limitations. Incautious or improper use can result in severe injury or death! The manufacturer, distributor, wholesaler, and retailer are not liable for any personal injuries sustained by the use or misuse of this product.



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