



## SKIN 2

Wherever, whenever



## SKIN 2 P

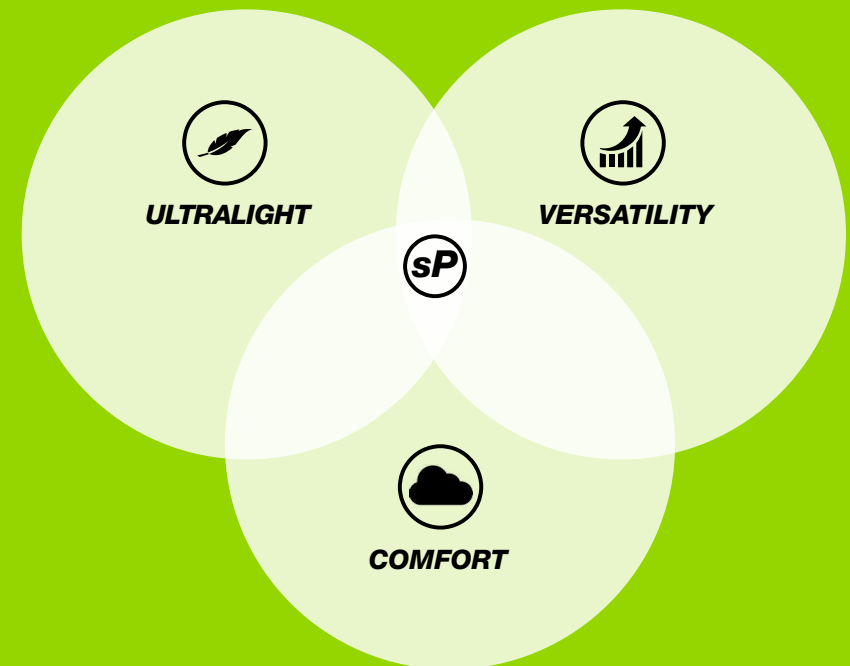
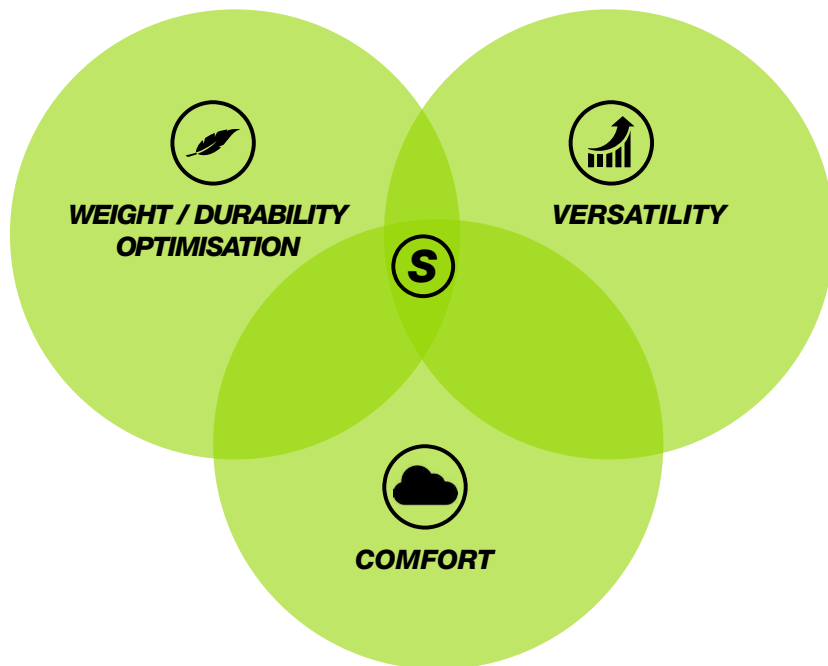
Ultralight, hyper-adventurous

## APPROACH

SKIN 2

SKIN 2 P

Discover the second edition of the revolutionary Niviuk single-surface wing. Two gliders designed to feel like a second skin.



## WHAT'S NEW (COMPARED TO THE PREVIOUS MODEL)

SKIN 2

SKIN 2 P



**EN/LTF B (SIZE 18)  
CERTIFICATION**

**NEW DESIGN AND  
REINFORCED ARCHITECTURE**

**INCORPORATION OF  
THE TRIMMER SYSTEM**

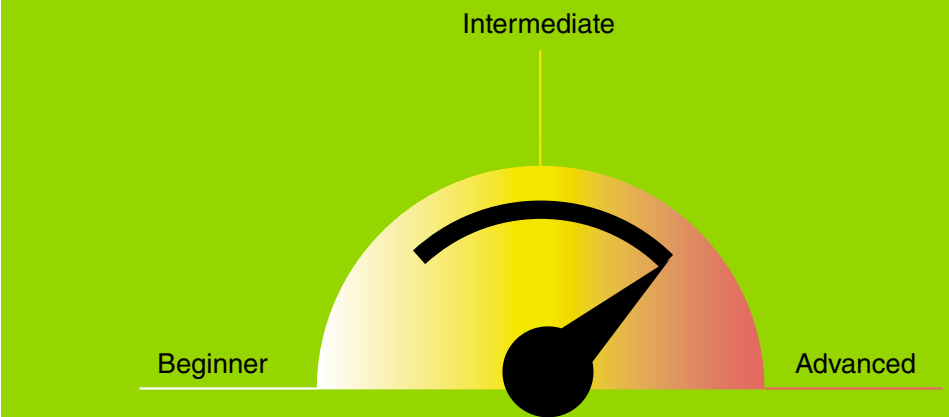
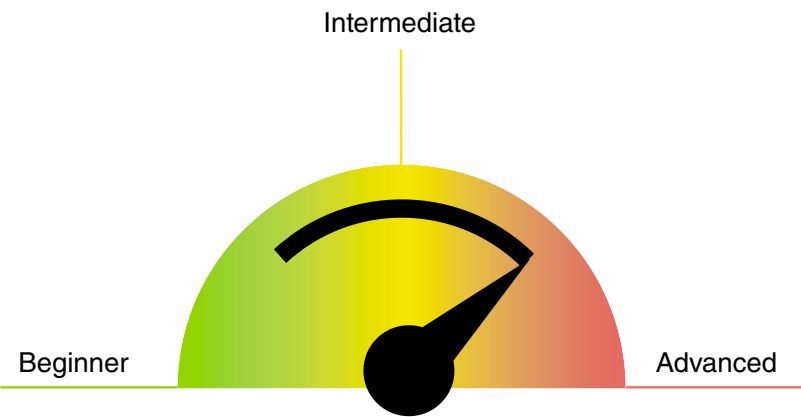
**NEW SEMI AND  
ULTRALIGHT MATERIALS**



# TARGET

SKIN 2

SKIN 2 P



## TARGET

### SKIN 2

#### ADVENTURERS AND EXPLORERS



**Glider designed to accompany you on all your travels and adventures.**

Reduced weight and volume

Flight type versatility

Accessibility

### SKIN 2 P

#### MOUNTAINEERS AND HIGH-MOUNTAIN HIKERS



**Ideal glider for hike& fly in high mountains and extreme conditions.**

Extremely low weight and volume

Accessibility

## MAJOR ADVANTAGES



### **+ COMPACT AND COMFORTABLE**

- New design with a more compact and homogeneous structure
- Excellent load distribution based on a new line set design.
- Responsive and direct character.



### **THE PERFECT BALANCE BETWEEN WEIGHT AND DURABILITY**

- One of the lightest gliders on the market, without compromising on longevity.



### **HIGH ACCESSIBILITY**

- Well-behaved wing and easy maneuverability during all phases of flight.



### **TAKEOFFS EXTREMELY SHORT, FAST AND CONSISTENT**

- Immediate wing loading due to the single-surface nature of the wing.
- Possibility of taking off from steep slopes, narrow ridges and uneven terrain.



### **SMOOTH AND CONTROLLED LANDING.**

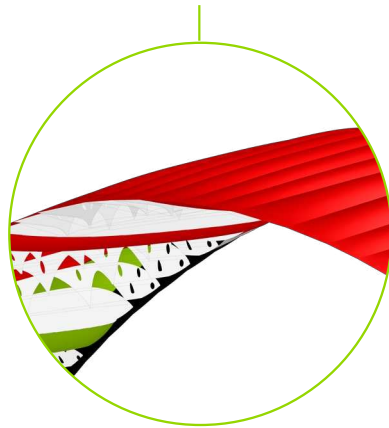
- Excellent speed retention for an effective flare and a smoother round out thanks to the trimmer system.

## SKIN 2 & SKIN 2 P IN DETAIL

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1

**SINGLE-SURFACE**  
(It flies like a Koyot 2)



A single-surface glider to ensure the wing is light and easy to fly without compromising on performance.

2

**NEW LINE DISTRIBUTION**

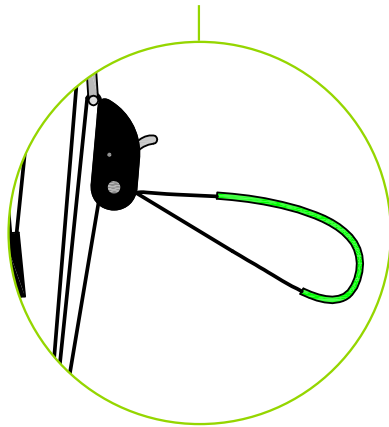


The optimised line distribution means improved load distribution and minimised inertia.

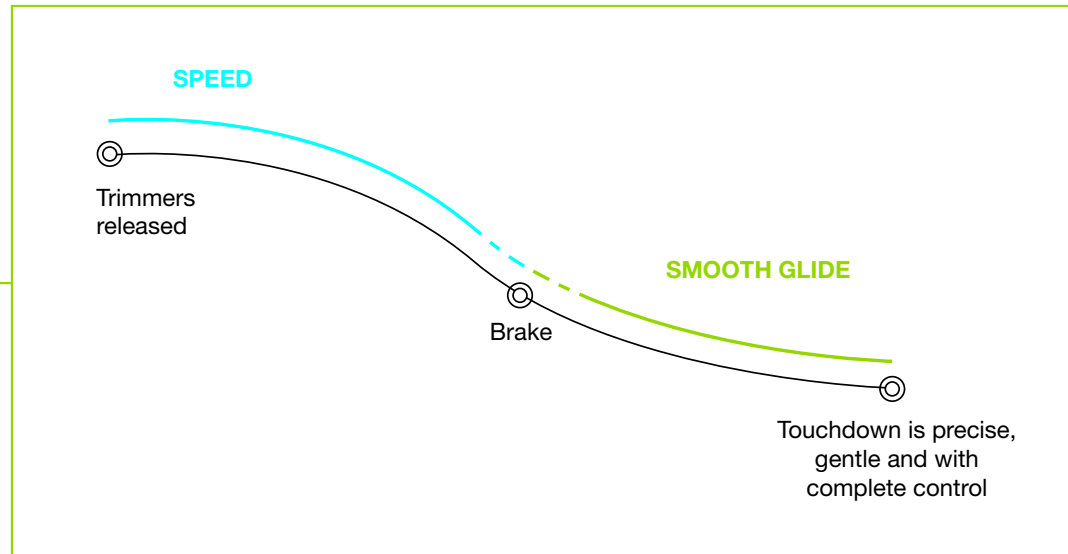
## SKIN 2 & SKIN 2 P IN DETAIL

3

### INTEGRATION OF THE TRIMMER SYSTEM



Greater range of speed throughout all phases of flight as well as the particular angle of attack during landing.

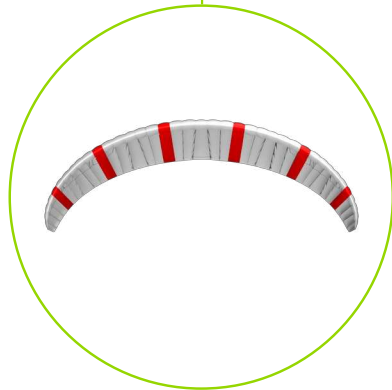




## SKIN 2 & SKIN 2 P IN DETAIL

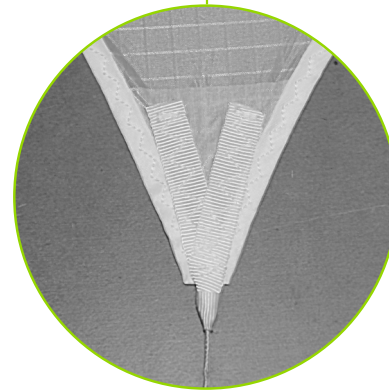
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### REINFORCED ARCHITECTURE IN COMPARISON TO ITS PREDECESSOR



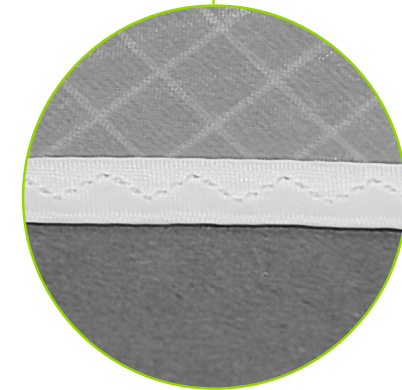
#### ONE EXTRA CELL

New hybrid smaller six cell design in order to achieve a more compact and uniform structure.



#### STRONGER LINE ATTACHMENT POINTS

Greater load capacity and better mechanical strength of the attachment points.



#### REINFORCED TRANSVERSAL RIBS

Polyester reinforcements on each of the internal ribs with the aim of avoiding vibrations and to increase the wings durability.

# MATERIALS

SKIN 2

SKIN 2 P

NITINOL

UNSHEATHED DYNEEMA BRAKE LINES

Incorporation of semi-light materials:

- 32 g Skytex sail cloth
- 38g Skytex in the leading edge

- Upper gallery lines are made from unsheathed Aramid
- All other lines are sheathed Aramid

Polyester / Kevlar 12 mm

3 mm Maillon

FABRIC

LINES

RISERS

SYSTEM

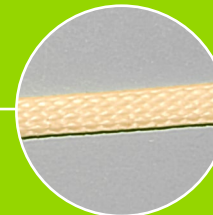
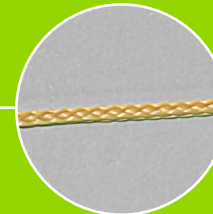
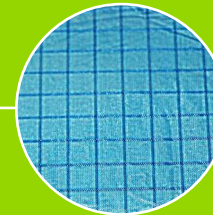
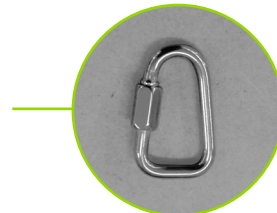
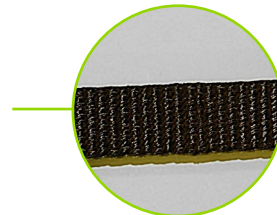
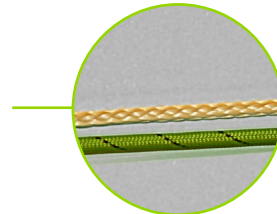
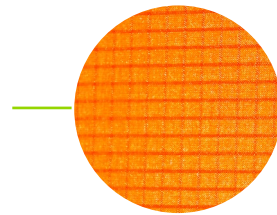
Incorporation of ultralight materials:

- 27 g Skytex sail cloth and leading edge

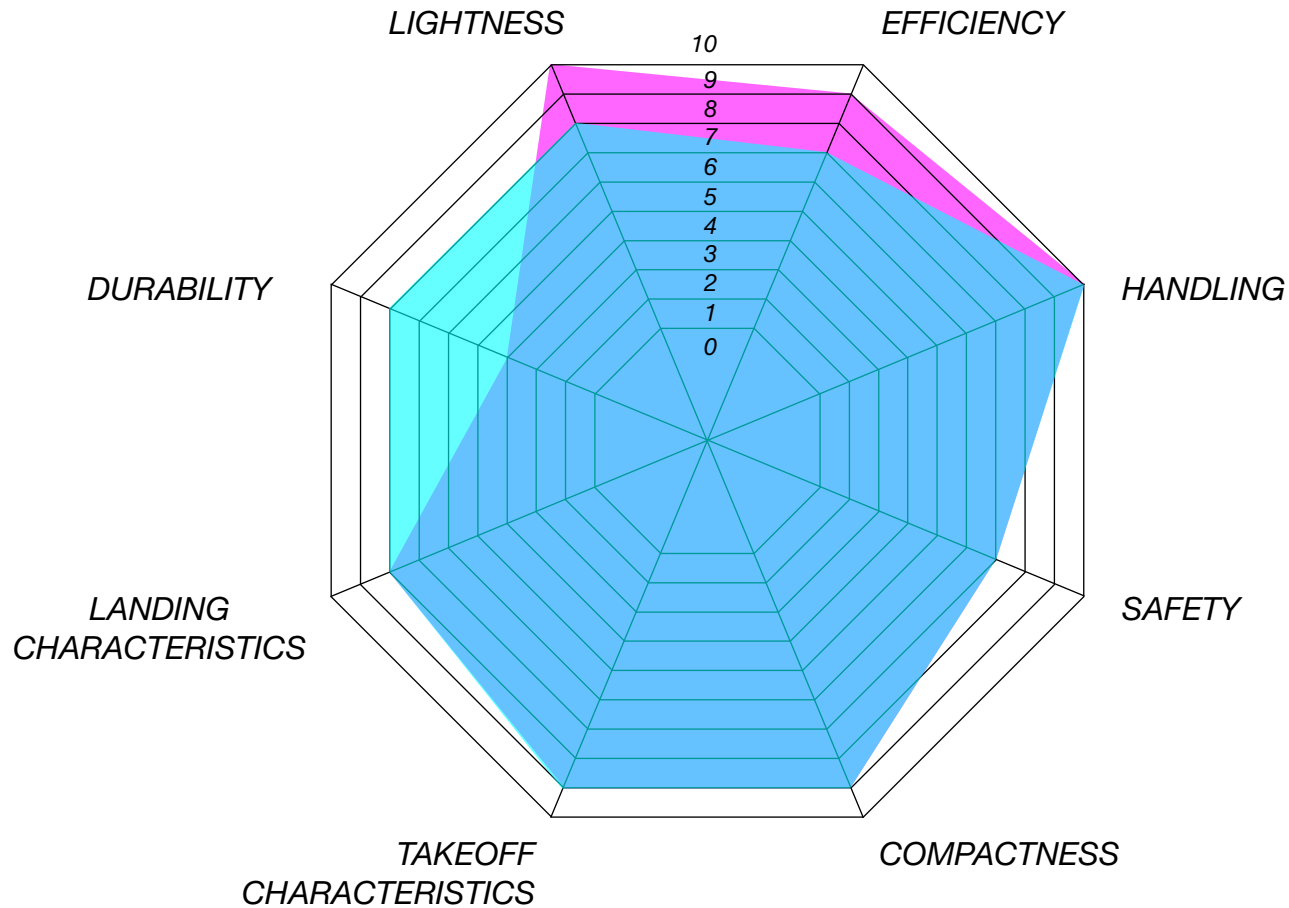
Unsheathed Aramid

Dyneema 5/6 mm

IKS 1000



# INFOGRAPHIC



SKIN 2

SKIN 2 P

## FEEDBACK FROM TEST / FACTORY PILOTS

### SKIN 2

“After my first flight with the first Skin version I asked euphorically for a tandem one which came true recently and could hardly imagine that already the second Skin generation can become that phenomenal. The Skin 2 allows me to realize even more of what fascinate me most about paragliding: discover simply and with less limits like a bird, whether alone or together – with absolutely free minds!”

**By: Urs Estermann**

“I love the fact that we now have the trimmers and can fly the glider with more confidence in stronger winds. The RAM system in the leading edge seems to work well and it really feels like a strong wing with no abnormal wing behaviour. It’s very easy to keep the Skin 2 above your head even in light wind!”

**By: Zeb Roche**

### SKIN 2 P

“Its extreme lightness makes it the ideal companion for excursions in the mountains, given that the total equipment does not exceed 5 kg. But what is most surprising is the immediate sensation when flying it, which, gently, was a learning experience with minimal worries.”

**By: Piergiorgio Pintossi**

“The Skin 2 P is a complete innovation in single-surface design. It allows you gain height within a few meters, which is perfect for short take-off areas. The performance is excellent; speed and glide are incredible for such a light wing! When you pick it up, the volume is just like a down jacket, which means you can take it anywhere. Everything about this wing is improved. The Skin 2 P is my new toy for day to day flying, always ready to test little-used take-offs or to fly back to the start of a trip.”

**By: Julien Irilli**

## FAQs



**What are the main differences to the previous models?**

The incorporation of the trimmers, which allows smoother and more controlled landings than the previous model as well as greater control, even at low speeds. Additionally, a more reinforced structure for greater durability; and finally, in terms of accessibility, an extra cell has been incorporated and the line distribution has been optimised to ensure a more mellow and precise wing.



**How well does it fly?**

This wing is not only for flying down. Both wings have been designed to allow pilots to make the most of their mountain adventures – on foot and in the air. The wings thermal and climb well – very much like standard wings. Any vibrations have been eliminated and the wing feels calm in the air. Due to the trimmer system they can be flown in a variety of conditions although care should be taken in strong turbulence and significant headwind. In calm air the wing has the passive safety and feel of a school glider.

Currently the Skin 2 and the Skin 2 P are the hike & fly single-surface wings with the best possible combination of features.

## FAQs

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**Can I turn in thermals?**

Of course. Both models are designed so the pilot can enjoy the glider beyond top-to-bottoms. The efficiency in turn is excellent. The precise brake response and tight turning radius allows you not only to turn in thermals, but also center the cores accurately. In both the Skin 2 and the Skin 2 P, the feedback about the airmass is direct, just like conventional wings. Every pilot should be aware that s/he is flying with a wing load higher than a standard double-surface glider, so that although the same performance cannot be expected, under normal conditions it is the envy of “standard” wings of its category.

**What fabrics is it made from?**

For the Skin 2 we have chosen 32g Skytex (Porcher) for the sail and 38g in the leading edge to ensure additional durability for the wing. The Skin 2 P has also been made from Skytex (Porcher) but 27g, with the objective of ensuring the least possible weight.

## FAQs

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**Does the light fabric last as long as in a conventional wing?**

The fabric in light models guarantees lightness, strength and durability without loss of color. It is necessary to know that this fabric always requires special care and attention. Although this material meets all the requirements and quality standards, it is a more delicate material than used in normal gliders.



**Can Skin 2 P be made with sheathed lines or conventional risers?**

Yes, it can. But it adds significant weight to the glider.

## TECHNICAL DATA

### SKIN 2

SKIN 2			16	18	20
<b>Flat</b>	Area	m <sup>2</sup>	16	18	20
	Aspect ratio		5.5	5.5	5.5
<b>Total weight in flight</b>	Minimum	kg	60	70	85
	Maximum	kg	85	90	110
<b>Glider weight</b>		kg	2.3	2,5	2.7
<b>Certification</b>	EN/LTF		-	B	-
	EN		926-1	926-1	926-1



### SKIN 2 P

SKIN 2 P			16	18	20
<b>Flat</b>	Area	m <sup>2</sup>	16	18	20
	Aspect ratio		5.5	5.5	5.5
<b>Total weight in flight</b>	Minimum	kg	60	70	85
	Maximum	kg	85	90	110
<b>Glider weight</b>		kg	1.9	2.1	2.3
<b>Certification</b>	EN/LTF		-	B	-
	EN		926-1	926-1	926-1





