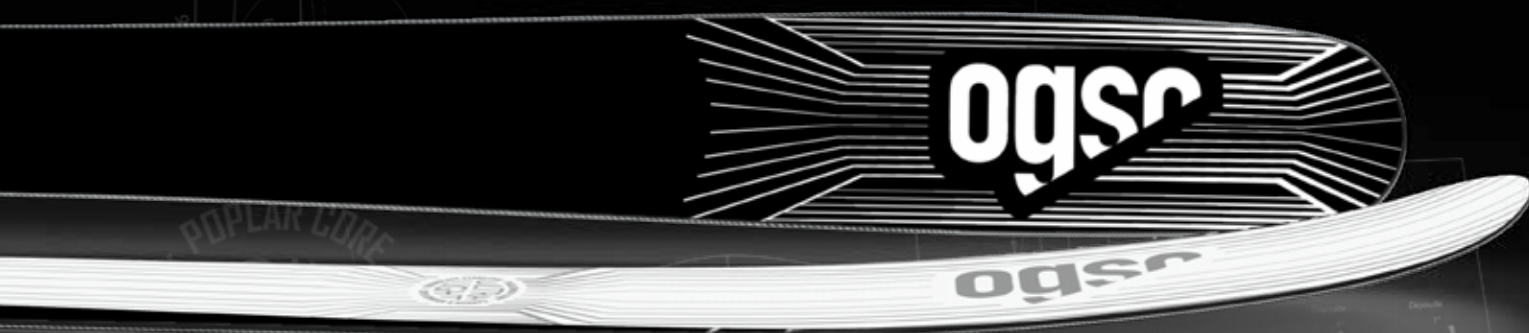


corbet's 110

SUPER ROCKER

CARBON ULTRA LIGHT



- CORBET'S
* MALLORY *
- SPENCER...



- 1) Light red triangle
 $\cos = W/L$
- 2) light blue triangle
 $\cos = L/4/R$
- 3) (1)&(2) $\Rightarrow R=L^2/(4.W)$

FALL LINE

$$\text{Radius} = (l - e)^2 / (20 * (s + t - 2p))$$

$$LH = LW * 0.1$$

$$L1 = (LTOT - LW) * 0.8$$

$$L2 = LW * 0.9$$

$$LS = L1 + LW$$

$$L = L1 + L2$$

$$R = L2$$

$$2000 * (S + H - 2 * W)$$

SUPER
ROCKER

NEOTERIC
CAMBER

ULTRA
LIGHT
FIBERGLASS STABILIZER - PAULOWNIA CORE - CARBON B ARAMID BASE

Middle Foot

woodCore

TAIL PROTECT		Pos.	Fig.	Nombre
		Couleur : noir - rouille		
		Plaque plastique 100 x 100 - 10000 - 10000		
		Plaque plastique 100 x 100 - 10000 - 10000		



Scan to watch on

GET UP STAND UP  STAND UP FOR YOUR RIGHTS
"Bob Marley"



MOUNTAIN
ESSENTIALS

corbet's 110

SUPER ROCKER

CARBON ULTRA LIGHT



GET UP STAND UP  **STAND UP FOR YOUR RIGHTS**
"Bob Marley"

[ULTRA TOURING]

SCHWARZTOR is an ULTRALIGHT, ALL-MOUNTAIN TOURING ski that's designed for huge days in the alpine. It is one of the most successful skis from OGSO because it's fast and light on the way up, easy to ski, floats great and super playful in all snow conditions.

If you're looking for a ski that's fast and light on the way up, and smooth and fun on the down regardless of the conditions, SCHWARZTOR is the ski for you.

An ISOSPORT 7510 base is a racing standard base that provides fast glide and outstanding durability.



**SUPER
ROCKER**

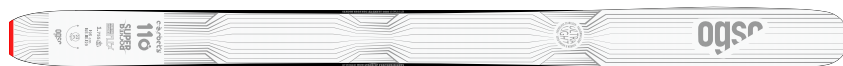
PERFORMANCE FLEX

SIZE: [171] [179] [187] [195]

SKI PROFILE SHAPE



CORBET'S TOP-SHEET



CK-700 CARBON



PAULOWNIA WOOD CORE



CK-700 CARBON



CORBET'S BASE-SHEET IS 7500

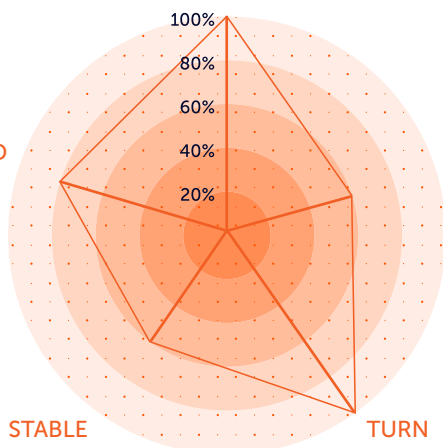


Base thickness 1.2mm

CLIMB/TREK

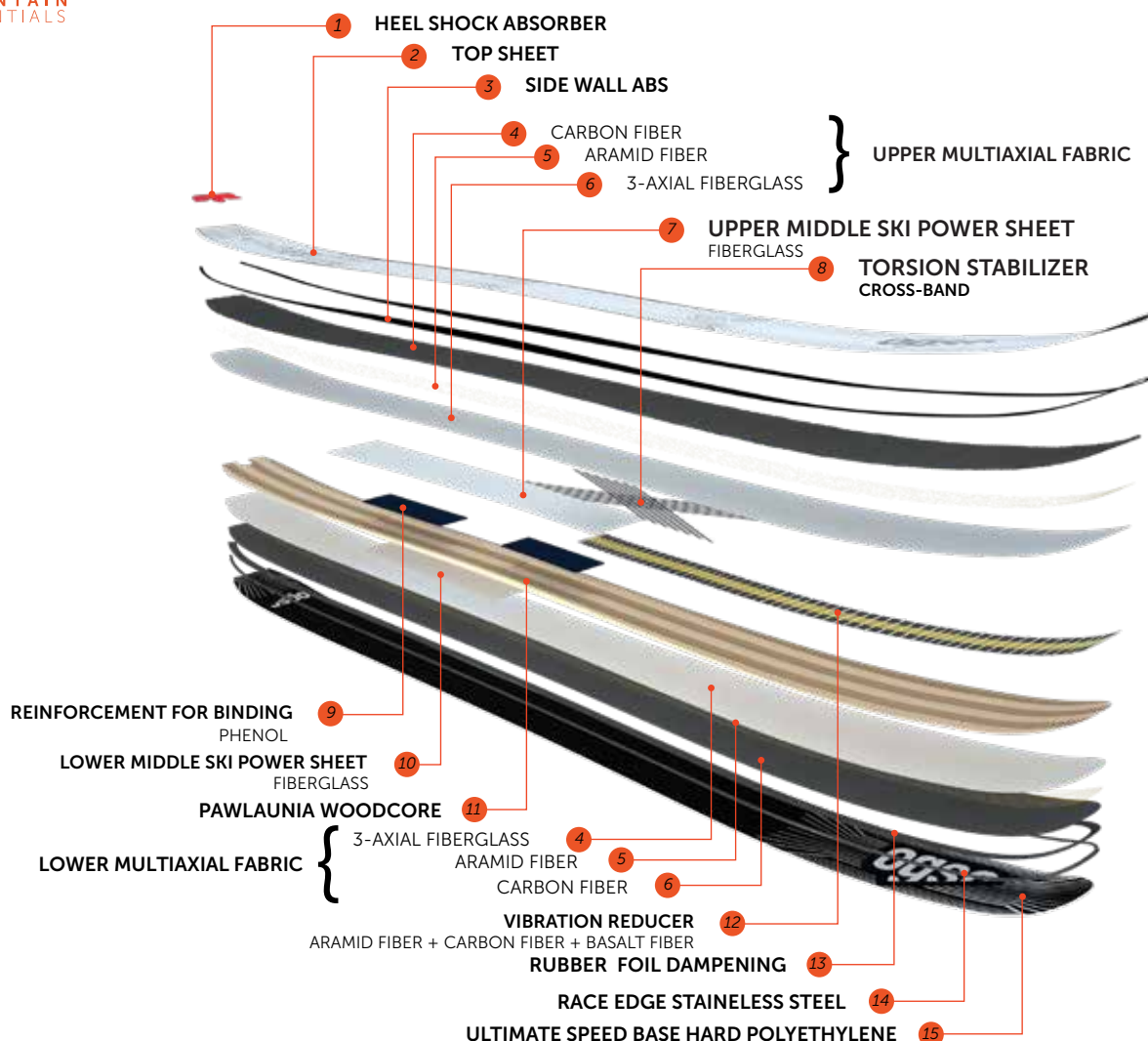
SHRED

FAST



STABLE

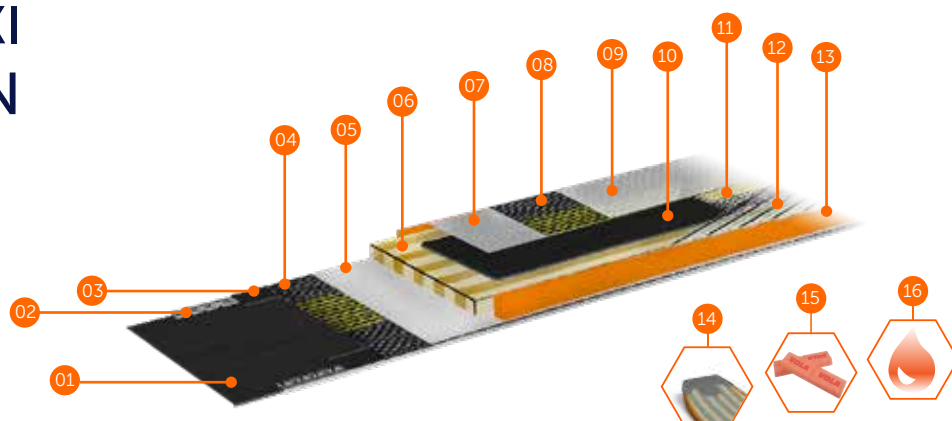
TURN



Corbet's 110 SUPER ROCKER ULTRALIGHT

Commercial Length (cm)	171	179	187	195
A: Flat Length (cm)	170,3	178,05	186,1	195,65
B: Air Length (cm)	169,8	177,5	185,5	194
Surface Area (cm ²)	1995	2129	2262	2412
Weight (kg)	1,35	1,5	1,635	1,755
Width Measures: Front, Middle, Back (mm)	136,108,123	139,110,125	142,112,127	145,115,129
Radius Average (m)	17	19	21	24
Radius Center (m)	15	17	19	22
Nose Rise Length (mm)	340	355	370	385
Tail Length (mm)	175	185	195	205
Front Rocker Length (mm)	220	230	240	250
Back Rocker Length (mm)	220	230	240	250
Running Length (mm)	755	790	825	860
Camber Height (mm)	3	3	3	3
Nose Height (mm)	96	96	96	100
Tail Height (mm)	60	60	60	63
E: Middle Boot From Tail including tail protection (mm)	745	780	815	850

ULTRA LIGHT SKI COMPOSITION



01 BASE SHEET IS 7510

www.isosport.com



- Black carbon 10-15%
- Made of premium crosslink polyethylene.
- Good abrasion resistance, very low stress level.
- Modified with wax for better gliding.

02 STAINLESS EDGE

www.waelzholz.com



The steel racing edge provides smooth flex and minimal friction resistance.
The main characteristics of stainless steel are as follows:

- High durability
- Good ductility
- Optimal gliding behaviour
- Improved adhesion
- High mechanical strength

03 RUBBER

www.haberkorn.ch



Thin rubber used between the metal edge and fiberglass layers to minimize shearing-induced delamination. Equalising temperature-related expansion and differing stress-strain coefficients.
Suitability for use over a wide temperature range. Vibration damping up to the point of component decoupling.

04 CARBON FIBER CK-700

www.pgtext.cn



Carbon fibers or carbon fibres are fibers about 5–10 micrometres in diameter and composed mostly of carbon atoms.

Carbon fibers have several advantages such as:

- High stiffness,
- High tensile strength,
- Low weight,
- High chemical resistance,
- High temperature tolerance and low thermal expansion.

Its main use is to serve as a reinforcement in composite materials, which makes it possible to obtain parts having good mechanical properties while being significantly lighter than metal parts. These properties have made carbon fiber very popular in aerospace, civil engineering, military, and motorsports, along with other competition sports.

05 FIBER GLASS 60-24

www.pgtext.cn



E-glass fibre products are particularly resistant to abrasion and vibration and have excellent flexibility. The glass thread has a higher specific resistance (tensile strength/volumetric mass) than that of steel. This feature makes it possible to develop glass threads that reinforce high performance composites.

The main characteristics of Fiberglass are as follows:

- Good resistance to abrasion and vibrations
- Rot-resistant
- Excellent dielectric strength
- Excellent dimensional stability

06 PAULOWNIA WOOD CORE

FSC certified forest management.
Paulownia is the wood of the phoenix tree. The paulownia wood is tall and straight. It is the leader among the trees.

Paulownia is one of the lightest woods. It has the unique characteristics of resistance to rot, acid and alkali.



09 TOP SHEET 5275

www.isosport.com



The main characteristics of polyamides are :

- Resistance to aging over long periods.
- High mechanical strength and high rigidity.
- Functional tenacity even at low temperatures.
- Excellent dielectric properties.
- Good resistance to abrasion.

10 PHENOL REINFORCEMENT FOR BINDING

www.isosport.com



In this material, the high-strength papers are impregnated with phenolic resins and compressed into sheets of durable, durable and reactive material. This material is characterized by its excellent mechanical properties to hold the screws in place.

11 VIBRATION & CRACKING REDUCER

BAND(basalt-fiber+carbon-fiber+aramid fiber)

www.chomarat.com



The unidirectional ribbon is composed from a carbon frame that surrounds a large basalt and kevlar fiber core in a continuous weft.

The Carbon frame provides:

- High stiffness
- High tensile strength
- Excellent impact resistance

The Basalt & Kevlar core provides:

- Excellent dielectric insulation
- High modulus of elasticity
- Excellent vibration damping

12 TORSION STABILIZER

CROSS-BAND (carbon fiber+fiberglass)

www.chomarat.com



The ribbon is unidirectional carbon fiber with continuous weft. It is a light and open reinforcement.

- Narrow ribbons
- Excellent alignment of fibers
- Less crimped with good mechanical properties at 0°
- Ensures the rigidity and stability of the parts

13 SIDE WALL ABS

www.isosport.com



Especially designed for winter sport applications. Charpy impact strength notched: +23 C°/-25C° ISO DUR ID1000-147

14 HEEL SHOCK ABSORBER

The material we use is ELASTOLLAN R1000 from BASF.

Glass fibre reinforced thermoplastic Polyester-Polyurethane-Elastomer with exceptional properties, very high impact resistance, high modulus with at the same time elasticity, low coefficient of thermal expansion comparable with steel and aluminium.

- Modulus of elasticity - tensile test : 1000MPa
- Density : 1.36g/cm³
- Hardness : 60 Shore D
- Glass-fiber content : 20%
- Tensile strength : 50MPa
- Impact + notch strength : +23 -30

Injected by Injection 74

www.polyurethanes.basf.com

www.injection74.com



15 VOLA WAX

www.vola.fr



Racing universal wax 500G orange.

Ski wax improves the coefficient of friction performance under varying snow conditions.

Universal 500G designed to match with the varying properties of snow, including crystal type and size, and moisture content of the snow surface, which vary with temperature of the snow.

16 RESIN

www.sicomin.com



Bio Based resin is outcoming from the latest innovations in bio-based chemistry.

Bio Based resin is produced with a high content of carbon from plant origin.

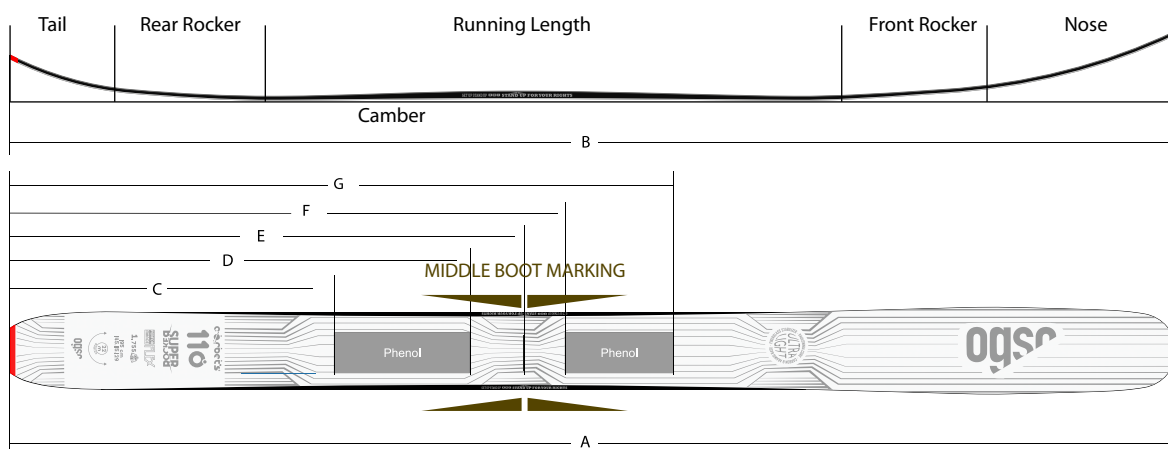
The bio-based Carbon content of our supplier's system is certified by an independent laboratory using Carbon 14 measurements (ASTM D6866 or XP CEN/TS 16640)

This is a significant technological advance on the following points: Clarity, colour, performances and guarantees of industrial tonnages availability.

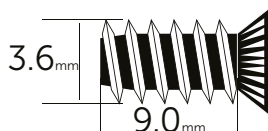


Corbet's 110 SUPER ROCKER ULTRALIGHT

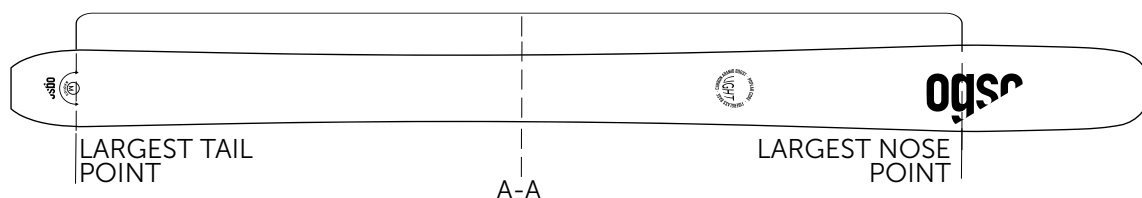
Commercial Length (cm)	171	179	187	195
A: Flat Length (cm)	170,3	178,05	186,1	195,65
B: Air Length (cm)	169,8	177,5	185,5	194
C: Start rear phenol	465	500	535	570
D: End rear phenol	665	700	735	770
E: Middle Boot From Tail including tail protection (mm)	745	780	815	850
F: Start front phenol	805	840	875	910
G: End front phenol	965	1000	1035	1070



SCREWS RECOMMENDED ULTRA LIGHT SERIES



SHARPENED STEEL EDGE AREA



EDGE ANGLE A-A

