

SKI TECHNOLOGY

LAMINATES

Laminates contribute towards the rebound and power transmission of a ski. In our skis we use two different sorts:

CARBON FIBREGLASS LAMINATE



FIBREGLASS LAMINATES

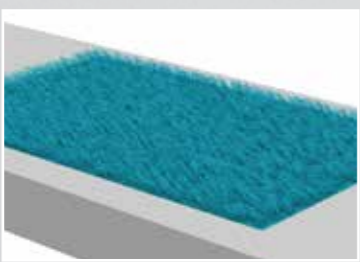


GRIP TECHNOLOGIES

A Grip technology provides grip in the kick zone without the need for kick wax. We have three different types:

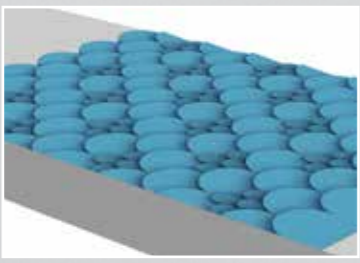
SKINTEC

Our high-performance waxless technology, with Mohair skin grip zones, now featured across the range.



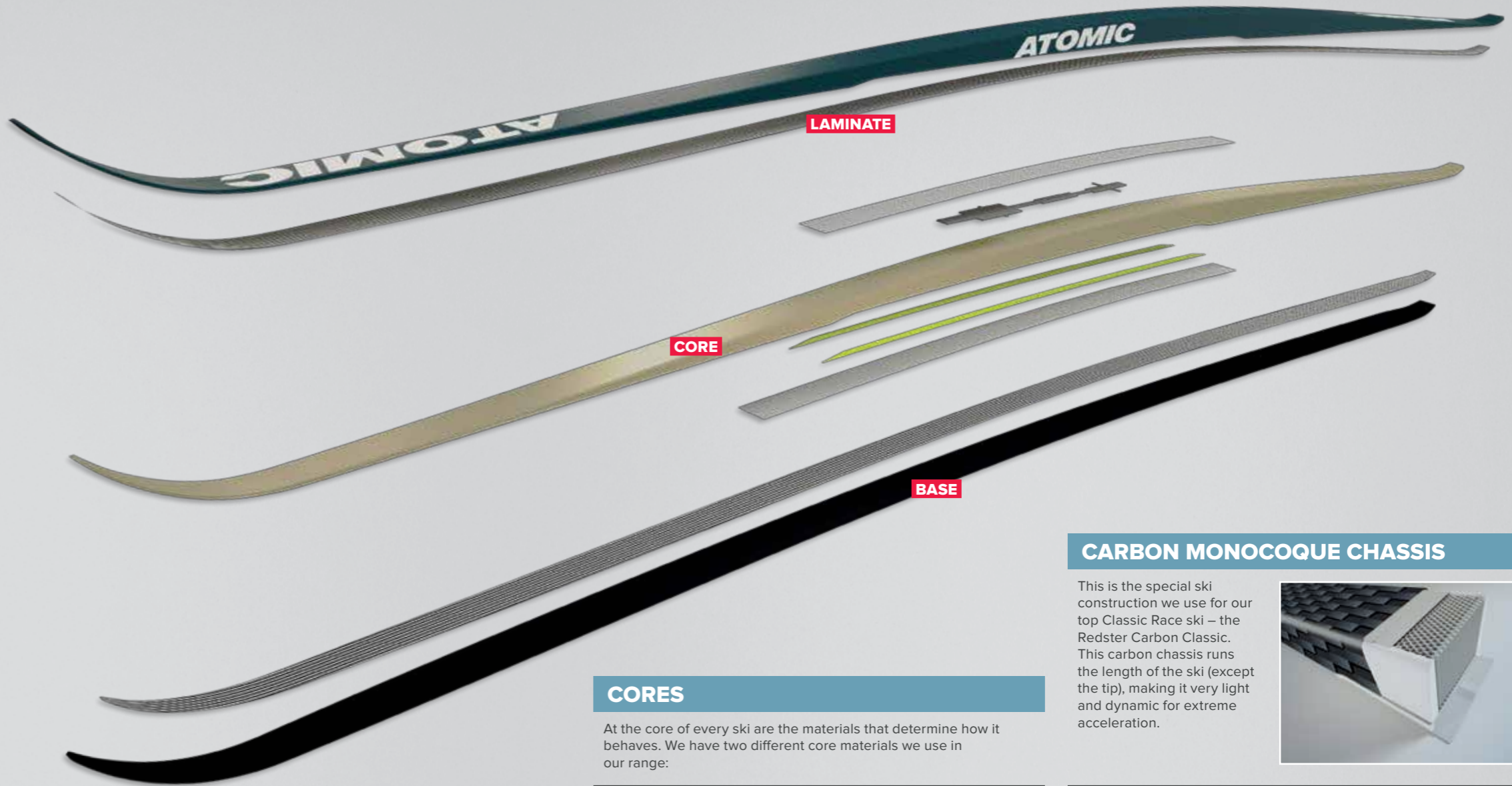
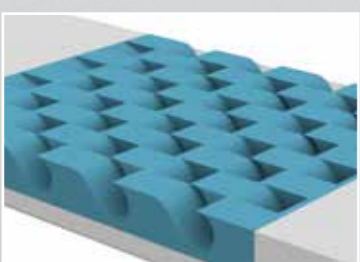
POSIGRIP 3D

Our versatile grip technology used on some of our all-round skis.



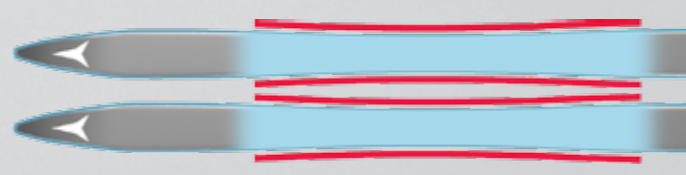
G2 SYNCRO

A grip technology, ideal for newcomers to the classic track.



SIDECUTS

We have different types of sidecut – from a narrow sidecut for fast racing to wider sidecuts for more stability.



BASES

All our skis have high-quality bases. These are fast on every snow, can stand up to everything and are easy to maintain:

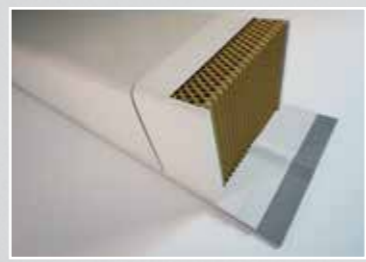
- Black base: BI 5000 (World Cup base)
BI 4000, 3000, 2000
BI 1500 (Touring base)
- White base (CB): BI 5000 (World Cup base)

CORES

At the core of every ski are the materials that determine how it behaves. We have two different core materials we use in our range:

NOMEX

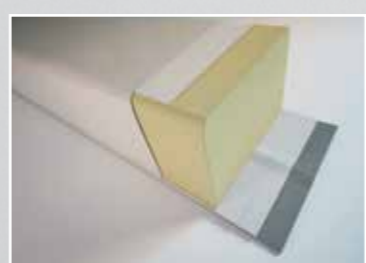
An ultra-lightweight material originally used in aerospace. It's structured like a honeycomb for strength, resilience and liveliness. We also use it in combination with Densolite.



NOMEX CORES:
Featherlight, Featherlight SDS, Lite, Lite SDS

DENSOLITE

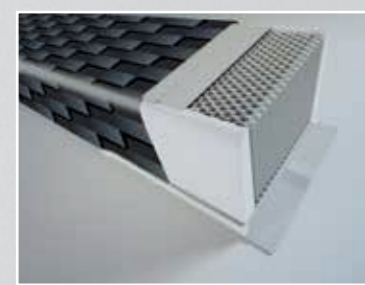
Light, stable and tough. Densolite is produced in Atomic's own facilities and comes in three variations: Densolite, High Densolite and Ultra High Densolite. They're all equally tough, but the High and Ultra High versions are lighter and more dynamic.



DENSOLITE CORES:
Speedcell, Helium Densolite, Ultra High Densolite, Ultra High Densolite SDS, High Densolite, Densolite

CARBON MONOCOQUE CHASSIS

This is the special ski construction we use for our top Classic Race ski – the Redster Carbon Classic. This carbon chassis runs the length of the ski (except the tip), making it very light and dynamic for extreme acceleration.

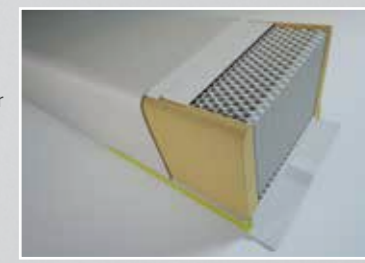


SIDEWALLS

Putting a sidewall on a cross-country ski helps with steering and power transmission. We have two different sidewalls that feature on our high-performance Redster skis:

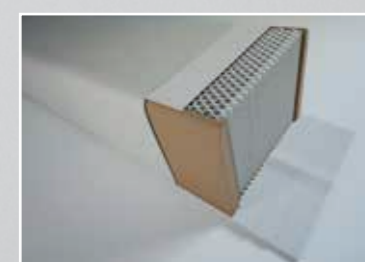
STEP DOWN SIDEWALL

with Densolite sidewall or lightwood sidewall for Redster WC Classics.



LIGHTWEIGHT WOOD SIDEWALL

for Redster WC Skates.



SKI TECHNICAL SPECIFICATIONS

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PRODUCT NAME	ART.NO.	SET NO.	SIZE	SIDECUT	CONSTRUCTION	BASE INDEX	CORE	GRIP
RACE								
RACE CLASSIC								
REDSTER CARBON CLASSIC	AB0020808 plus CB medium (white base) AB0020790 plus medium AB0020788 universal hard AB0020786 universal medium AB0020784 universal soft AB0020792 cold medium AB0020782 cold soft		197, 202, 207 197, 202, 207 207 192, 197, 202, 207 192, 197, 202, 207 202, 207 192, 197, 202, 207	37-44-34	Carbon Race	BI 5000	Nomex Featherlight SDS	
REDSTER WORLD CUP CLASSIC	AB0020794 universal hard AB0020796 universal medium AB0020806 cold medium AB0020804 cold soft		202, 207 192, 197, 202, 207 202, 207 192, 197, 202, 207	41-41-44	Race + Carbon Laminate	BI 5000	Nomex Featherlight SDS	
REDSTER SKINTEC	AB0020646 hard AB0020644 medium		184, 191, 198, 205 177, 184, 191, 198, 205	41-44-41	Race Skintec + Carbon Laminate	BI 5000	Ultra High Densolite SDS	Skintec Module
REDSTER MARATHON CLASSIC	AB0020654 hard AB0020660 medium		192, 197, 202, 207	41-41-44	Race + Carbon Laminate	BI 5000	Nomex Lite SDS	
REDSTER CLASSIC	AB0020754 hard AB0020752 medium		181, 188, 195, 202, 209	44-45-44	Race + Carbon Laminate	BI 5000	Speedcell	

RACE SKATE								
REDSTER WORLD CUP SKATE - A1	AB0020752 medium AB0020640 compact soft		173, 179, 185, 191	43,5-43-45	Race + Carbon Laminate	BI 5000	Nomex Featherlight	
REDSTER WORLD CUP SKATE - A2	AB0020664 universal hard AB0020668 universal soft AB0020674 universal xstiff AB0020672 plus CB hard (white base) AB0020666 plus CB soft (white base)		172, 178, 184, 190 172, 178, 184, 190 190 172, 178, 184, 190 172, 178, 184, 190	44-43-44	Race + Carbon Laminate	BI 5000	Nomex Featherlight	
REDSTER MARATHON SKATE	AB0020670 hard AB0020676 soft		172, 178, 184, 190	44-43-44	Race + Carbon Laminate	BI 5000	Nomex Lite	
REDSTER SKATE	AB0020750		172, 178, 184, 190	43-44-44	Race + Carb. Lam.	BI 5000	Speedcell	

SPORT								
SPORT PRO CLASSIC								
SPORT PRO SKINTEC	AB0020692 AB0020694 XSTIFF		176, 184, 192, 200, 208 208	43-44-43	Sport Skintec + Carbon Laminate	BI 5000	Ultra High Dens. SDS	Skintec Snap Skin
SPORT PRO SKINTEC L	AB0020690		176, 184, 192, 200	43-44-43	Sport Skintec + Carbon Laminate	BI 5000	Ultra High Densolite SDS	Skintec Snap Skin
PRO SKINTEC	AB0020678 AB0020780 XSTIFF	ABPM00180 (+ Prolink Pro Classic)	181, 188, 195, 202, 209 209	45-45-45	Sport Skintec	BI 4000	Ultra High Densolite	Skintec Bonded Skin
PRO CLASSIC	AB0020680		181, 188, 195, 202, 209	45-45-45	Sport	BI 3000	Ultra High Densolite	
PRO CLASSIC L	AB0020682		181, 188, 195	45-45-45	Sport	BI 3000	Ultra High Densolite	
SPORT CLASSIC	AB0020612		186, 193, 200, 207	46-46-46	Sport	BI 2000	High Densolite	

SPORT PRO SKATE								
PRO SKATE	AB0020686		172, 178, 184, 190	43-44-44	Sport	BI 3000	Ultra High Densolite	
PRO SKATE L	AB0020688		166, 172, 178, 184	43-44-44	Sport	BI 3000	Ultra High Densolite	
PRO COMBI	AB0020702		172, 178, 184, 190	43-44-44	Sport	BI 3000	Ultra High Densolite	
SPORT SKATE	AB0020684	ABPM00178 (+ SNS Pilot Sport Skate)	172, 178, 184, 190	43-44-44	Sport	BI 2000	High Densolite	

PRODUCT NAME	ART.NO.	SET NO.	SIZE	SIDECUT	CONSTRUCTION	BASE INDEX	CORE	GRIP
TOURING								
MOTION (MID SIZE)								
MOTION SKINTEC	AB0020766	ABPM00194 (+ Prolink Access Classic) ABPM00186 (+ SNS Access)	174, 184, 194, 204	51-46-48	Touring 3D	BI 3000	High Densolite	Skintec Bonded Skin
MOTION SKINTEC XSTIFF	AB0020764 XSTIFF		204	51-46-48	Touring 3D	BI 3000	High Densolite	Skintec Bonded Skin
MOTION SKINTEC W	AB0020798		174, 184 194	51-46-48	Touring 3D	BI 3000	High Densolite	Skintec Bonded Skin
MOTION 52 GRIP	AB0020772	ABPM00188 (+ SNS Access)	177, 184, 191, 198, 205	52-47-49	Touring	BI 1500	Densolite	G2 Syncro
MOTION 52 WAX	AB0020768		177, 184, 191, 198, 205	52-47-49	Touring	BI 1500	Densolite	
MOTION 52 GRIP W	AB0020770		177, 184, 191, 198	52-47-49	Touring	BI 1500	Densolite	G2 Syncro
MOTION 46 WAX	AB0020774	ABPM00182 (+ SNS Access)	179, 186, 193, 200, 207	46-46-46	Touring	BI 1500	Densolite	
MOTION 46 GRIP	AB0020776	ABPM00184 (+ SNS Access)	179, 186, 193, 200, 207	46-46-46	Touring	BI 1500	Densolite	G2 Syncro

MOTION XCRISE (SHORT SIZE)								
MOTION XCRISE 53 POSIGRIP	AB0020760 AB0020762 XSTIFF (only 183, 193 cm)		163 , 173 , 183 , 193 183 , 193	53-48-51	Touring Xcruise 3D	BI 2000	Helium Densolite	Posigrip
MOTION XCRISE 55 GRIP	AB0020758	APBM00190 (+ SNS Access)	163, 173, 183, 193	55-49-52	Touring Xcruise	BI 1500	Densolite	G2 Syncro
MOTION XCRISE 55 GRIP W	AB0020756		163, 173, 183	55-49-52	Touring Xcruise	BI 1500	Densolite	G2 Syncro

JUNIOR								
REDSTER CLASSIC JR								
REDSTER WORLD CUP CLASSIC JR	AB0020634 medium AB0020636 soft		175, 185 145, 155, 165, 175, 185	46-44-45	Race Junior	BI 5000	Speedcell	
REDSTER SKINTEC JR	AB0020748 AB0020810 (NPD - not pre drilled)	ABPM00192 (+ SNS Access Junior) ABPM00196 (+ Prolink Access Junior)	148, 158, 168, 175	45-45-45	Race Junior	BI 5000	High Densolite	Skintec Bonded Skin Jr

RACE SKATE JR								
REDSTER WORLD CUP SKATE JR	AB0020638		137, 144, 151, 158, 165, 172	44-42-44	Race Junior	BI 5000	Speedcell	
REDSTER SKATE JR	AB0020696		138, 148, 158, 163, 168	45-45-45	Race Junior	BI 3000	High Densolite	
REDSTER COMBI JR	AB0020700		138, 148, 158, 163, 168	45-45-45	Race Junior	BI 3000	High Densolite	

SPORT JR								
SPORT GRIP JR	AB0020616	ABPM00176 (+ SNS Universal JR)	90, 100, 120, 130, 140, 150, 160, 170	52-47-49	Sport Junior	BI 1500	Densolite	G2 Syncro