

SPECIFICATIONS

RENOUN ENDURANCE 98

	(mm)	Variables	Other
Waist Width	98		
Flex		Length of ski	Medium
Weight		Length of ski	1.815g/ski
Tip Width	127		
Tail Width	121		
VibeStop™	8 channels 15.2% of core	Length of ski	
Sidcut	17-19m	Length of ski	
Core	Aspen		
Tip Rocker	400	Flex	
Tail Rocker	310	Flex	
Max camber	11.1	Weight of skier	

BEHIND THE NAME

The "Endurance" is named after a British explorer, Earnest Shackleton, who led an expedition to cross Antarctica in 1914. His motto, "By Endurance We Conquer" is a reminder to the founders of Renoun of the long journey that lie ahead and the importance of a long-term vision to achieve success in the outdoor industry.

It is the longest standing ski name in the

MATERIALS

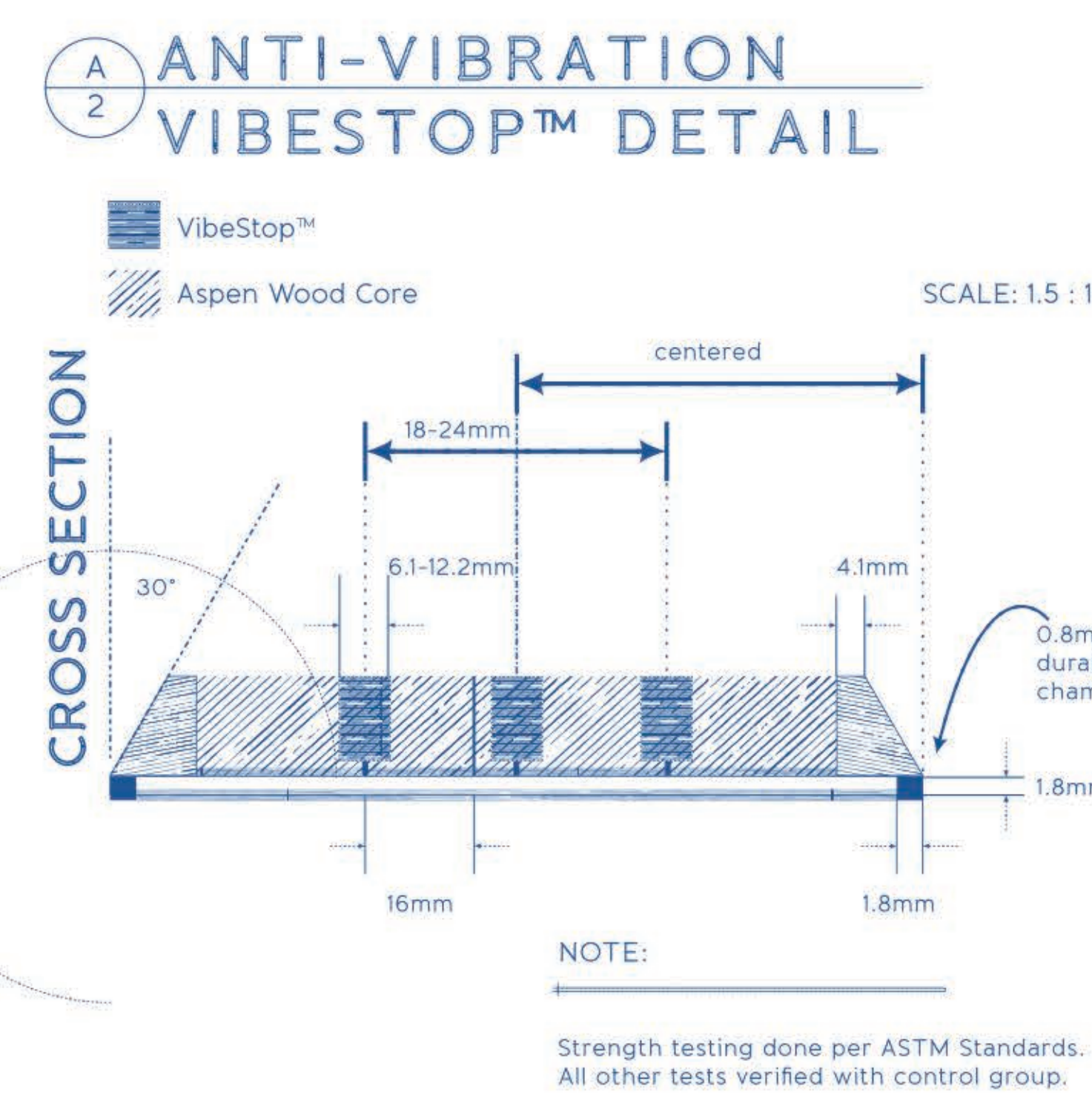
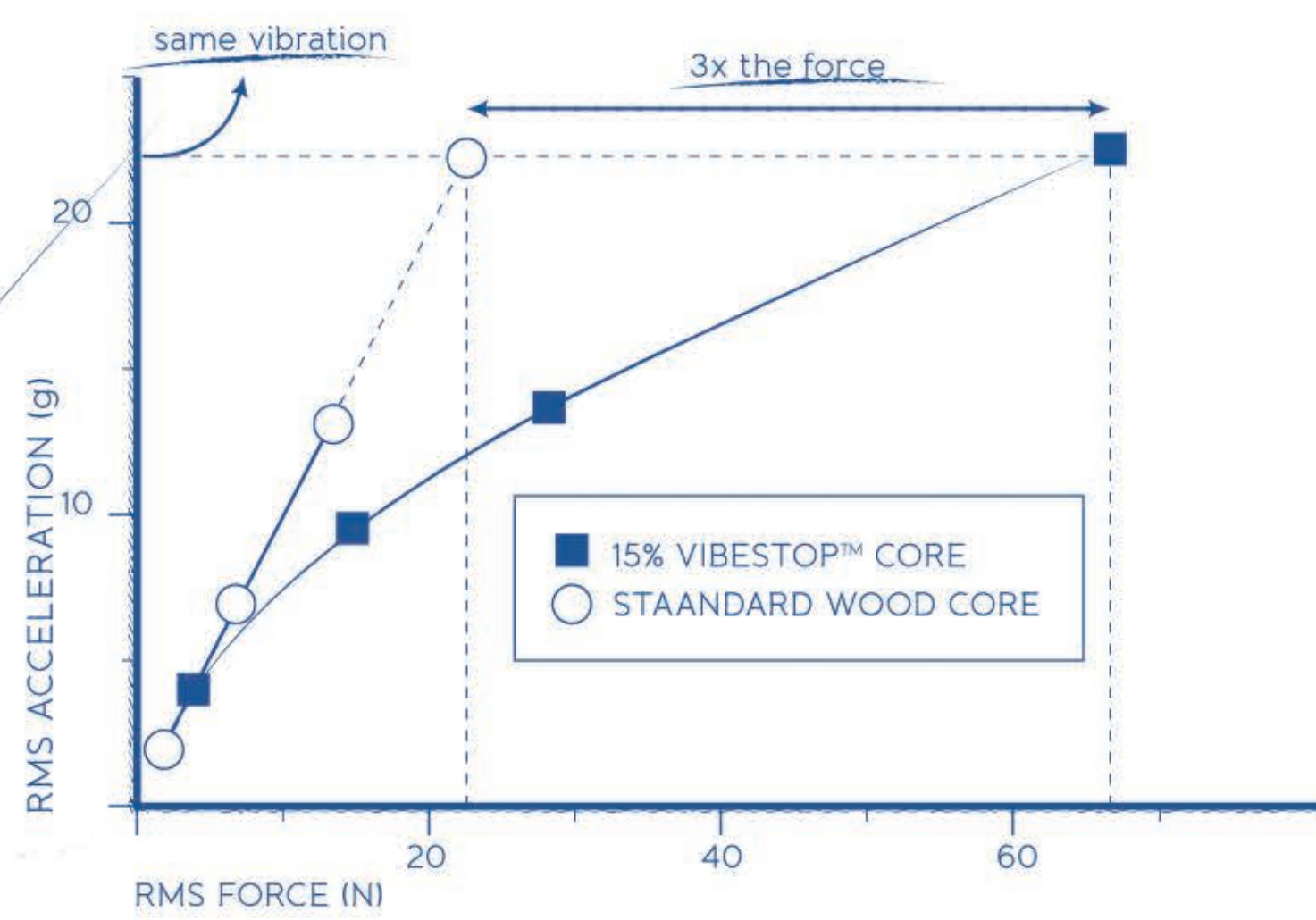
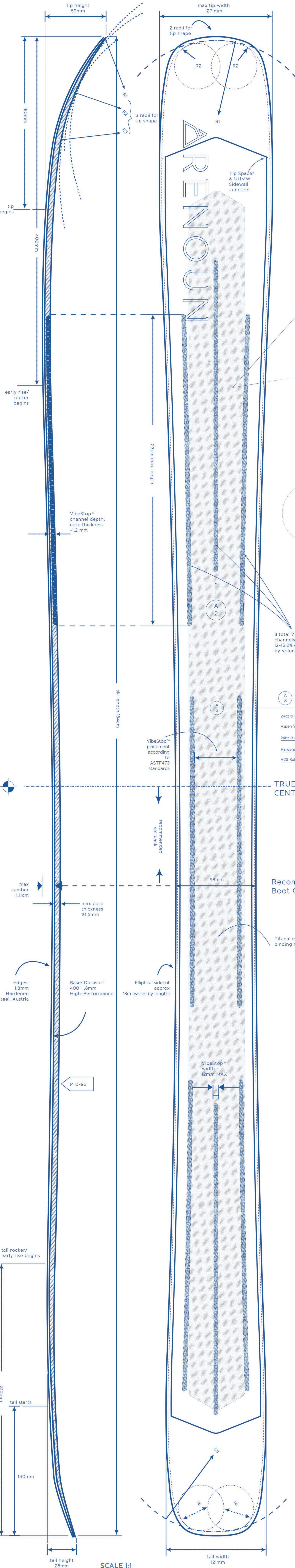
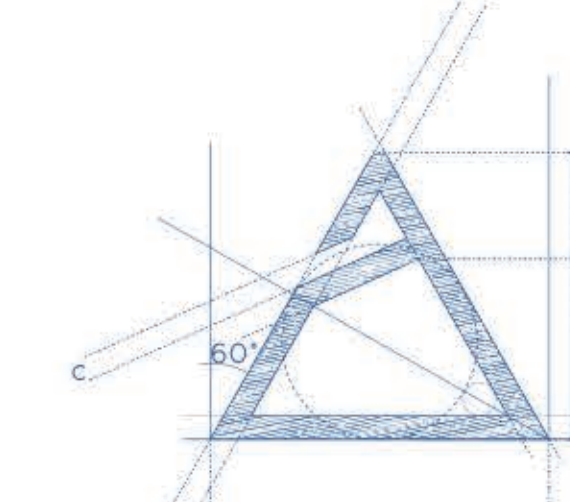
Bill of Materials (BOM)

Base: 4001 Sintered
 Edges: Profile #21 - 2 pcs - partial wrap.
 Bottom rubber foil: VDS Rubber 15mmx-0.2mmx300mm, Over tip/tail section.
 Bottom reinforcement 1: VP 26.5oz triaxial fiber
 Bottom reinforcement 2: VP 9oz unidirectional carbon fiber
 Core: aspen. Vertically laminated - humidity 1-2%.
 Finger jointed: allowed. Lamination pocket top
 Sidewall: UHMW - flat black
 Spacers: UHMW/TPU - 2x290-325mm
 Binding reinforcement: tital metal binding plates
 Top reinforcement 1: 26.5oz triaxial fiber
 Topsheet: Nylon - matte with spot gloss

ANATOMY OF THE MARK

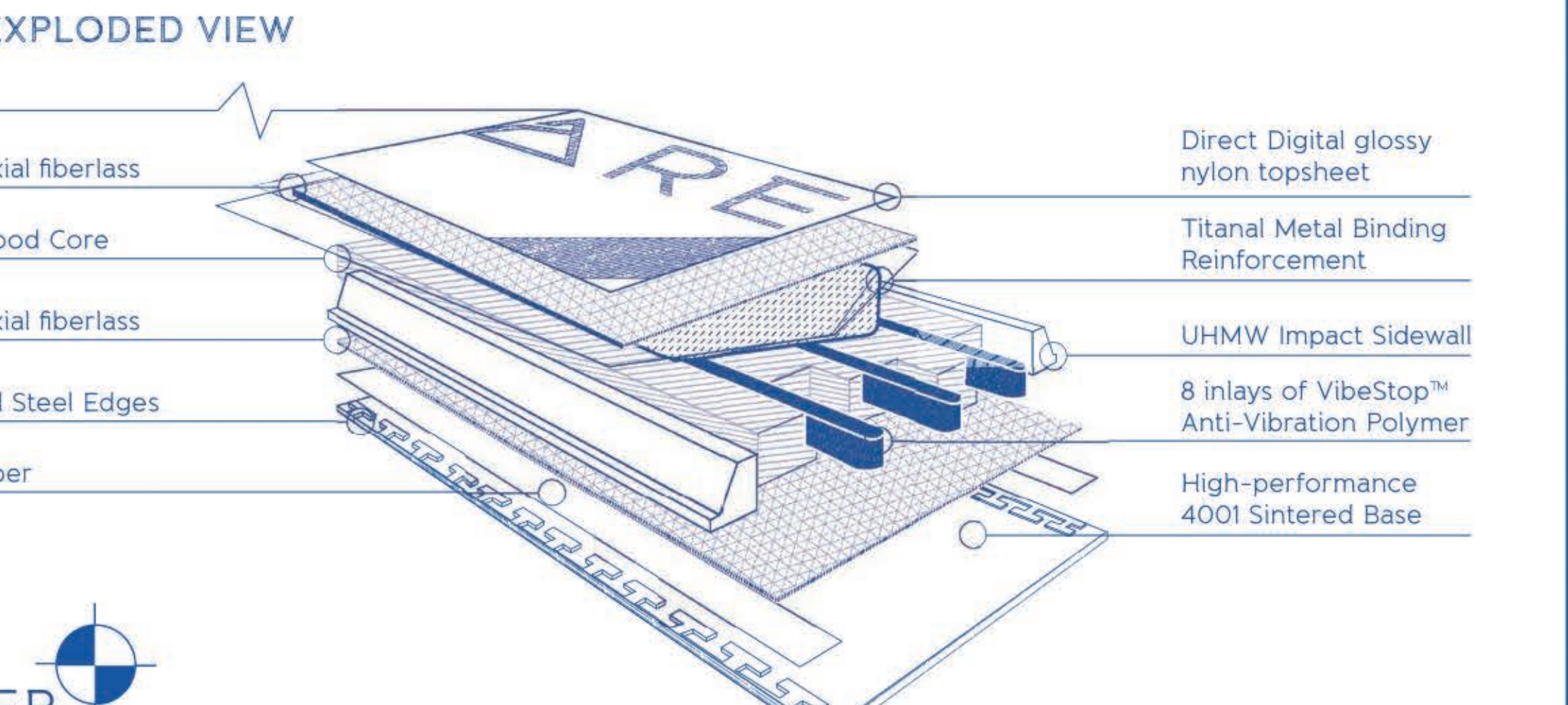
Reminiscent of a mountain, the Mark's triangular form represents power, authority, and integrity. It holds deep meaning and commanding presence, yet remains simple enough to be embroidered on shirts & hats in a single stroke. An extremely versatile design.

Design time: ~2 hours
 Lead Designer: Andrew Washuta



VIBESTOP™ SPEC DETAILS

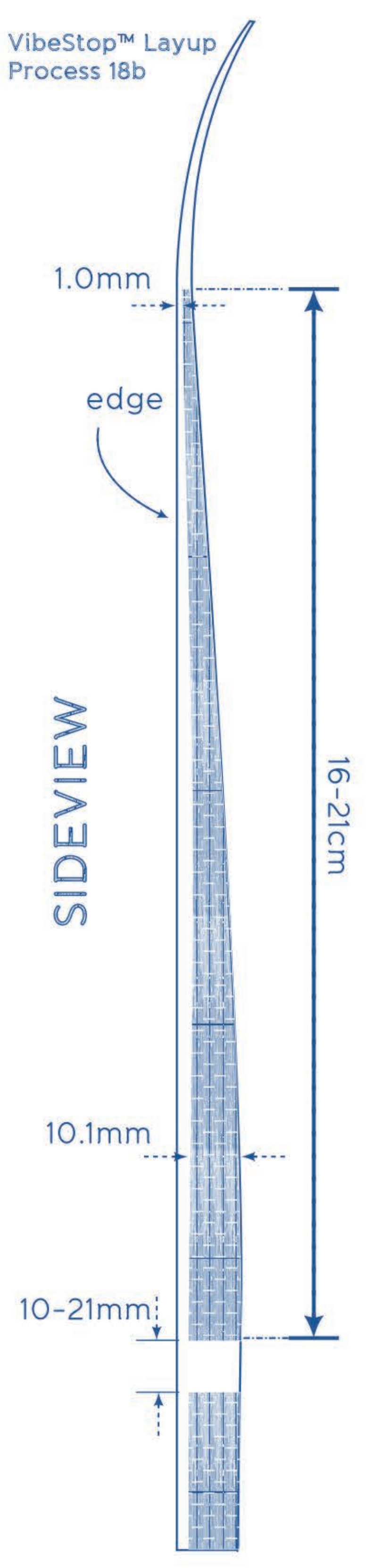
Density (lb/ft ³)	10-25
Longest length of VibeStop™	23cm
Damping coefficient (Q)	0-4, variable
Vibration reduction	0-300% above control
Compression force (Deflection test)	5-12
Tear Strength (kN/M)	ASTM D 624 (1.8)
System	Underdamped
Delta at 32°	0.1-21%
Modulus at elasticity (E)	variable
Breakdown Rate	1/3 rate of Maple (Canadian)



NOTE:

VibeStop™ in ski is 12-15.2% depending on length. All lab tests done with control group.

Recommended Boot Center



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VERMONT

BURLINGTON

184CM ENDURANCE 98 PRELIMINARY ONLY BURLINGTON, VT

DESCRIPTION

These are blueprints of the Renoun Endurance 98 ski — the ski which put Renoun on the map. Initially prototyped as a 109mm underfoot ski, the final production version was changed to a 98mm just prior to initial production in 2014. Ultimately winning the most coveted international award ISPO GOLD in 2015, the Endurance 98 remains one of the most versatile skis available today.

Layout of VibeStop™ was optimized during standardized testing and control groups were utilized in the sledition practice. Stability measured via damping IQ of ski based on response times during the testing cycle. Placement of VibeStop™ conforms to ASTM F473 standard as originally published Sep 1st 1997.

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Renoun: to inspire™

LEGEND

	DIMENSION
	SKI OUTLINE
	EXTRAPOLATED DIMENSION
	SKI CORE
	VIBESTOP™

ENDURANCE 98

STANDARD PRODUCTION DETAILS

09 NOVEMBER 1990

ARENOUN

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 E. SHACKLETON
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