

Scuba Thermo Underlayment

ST46

Diamond Living® Scuba: **The Only Livable Healthy Neoprene™**

Material: *Livable Healthy Neoprene™*

Emission Testing: Laboratory Analysis of VOCs and Indoor Pollutants

Testing Company: Air Quality Science, Inc. (Certified GreenGuard® Testing Center) 2211 Newmarket Parkway Atlanta, Georgia 30067

Summary:

Scuba was tested for "Emissions analysis following 24-hour equilibrium period for total volatile organic compounds (TVOCs) and target list aldehydes (including formaldehyde (HCHO), with speciation /quantitation of individual volatile organic compounds (IVOCs).

Result:

"The flooring sample tested has low TVOC , formaldehyde and total aldehydes emissions. Modeling estimates for this sample indicate that predicted TVOC, formaldehyde and total aldehydes exposure concentrations would likely meet the GREENGUARD criteria. The data was modeled using a standard floor usage loading and assumed decay parameters. A table with the modeling results is included with this letter."

"Please note that BQL stands for: Chemical below quantifiable level of .1 based on a standard 45L air collection volume. This is a great score and should be presented in a knowledgeable fashion."

Stephany I. Mason, Ph.D.
Technical Director
Air Quality Sciences, Inc.

***Surpasses the Indoor Air Quality emissions requirement for California's Section 01350-the strictest standard in the USA for volatile organic**

24 Hour E.F. Results		
TVOC	HCHO	Total Aldehydes
1483	BQL	BQL

Predicted Room Concentration Results	
TVOC	HCHO
µg/m³	ppm
369	<0.002

Water Vapor Transmission Rate: .001 LBS per 1000 sqft per 24 hrs.

***Best in the Industry**

Mold/Mildew Resistant

Certified by: Professional Testing Center, Inc. 714 Glenwood Place Dalton, GA. 30721

Sound Transmission: *IIC = 72db STC = 70db*

Certified by: NGC Acoustical Testing Laboratory; 1650 Military Road; Buffalo, NY 14217-1198

R value: Thermal Conductivity(k) = .1968 Thermal Resistance(R) = .44 Engineered for slab, pier&beam or radiant heat flrs.

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