

# CAL 133 Compliance & Suitability

## CAL 117

California Technical Bulletin 117 (TB 117-2013), otherwise known as CAL 117 for short, is a regulation that sets the standard for upholstered furniture flammability in the furniture industry. While the regulation is only legally binding in the state of California, it has become a standard in the furniture manufacturing industry. CAL 117 requires that certain materials that are used in furniture pass both an open flame and smolder test. At a minimum, all Keilhauer and Division 12 fabrics, faux leather, leathers, and resilient filling material (i.e. foam) meet CAL 117.

## WHAT IS CAL 133?

CAL 133 is a standard created by the California Bureau of Home Furnishings and Thermal Insulation for the commercial furniture industry in the testing and rating of seating for specific "public spaces". It includes industries and organizations such as nursing homes, hospitals, hotels, auditoriums, churches, multi-residential buildings and other public or private institutions that provide seating to 10 or more people. The objective is to help prevent the spread of fire through highly flammable materials such as foams, fabrics and other materials. Regulations and compliance is based on location, with requirements and expectations varying from region to region, please check with fire services in your location to understand local CAL 133 requirements.

**Notice:** As of January 1, 2020, the State of California repealed CAL 133 due to health risks. Regulations vary from state to state and city to city, regulatory and compliance changes in other states and provinces are ongoing. Keilhauer's CAL 133 barrier used in our products is a flame-retardant fabric designed to pass open-flame testing protocols.

## CAL 133 TESTING

Unlike CAL 117, which tests only the inner upholstery components, to pass the CAL 133 test the entire piece of upholstered furniture must withstand ignition from a gas burner inside a testing chamber. To pass this test a flame-retardant fabric liner is placed between the fabric and foam of the piece of furniture, creating a fire-resistant layer that will eventually extinguish the flame.

Keilhauer has a depository of previously passed CAL 133 tested seating units for a variety of product/fabric combinations, these tests allow for approvals of product/fabric combinations of similar weight and construction. In some cases, our approvals are not accepted and it is the customer's responsibility to determine if acceptable to authorities.

If the product/fabric combination cannot be approved or a burn test certificate is required, Keilhauer must conduct a full chair burn test for the specifically requested combination. The customer is responsible for each product/fabric combination burn test of \$1,400 plus the cost of the chair. Please submit a separate purchase order for the CAL 133 testing cost. Testing lead time will be the standard lead time of the chair plus 1-3 weeks for the testing procedure.

## CAL 133 TEXTILES

Please consult the CAL 133 Suitability Chart to view all Keilhauer products and textiles which pass the CAL 133 testing standard. Specify CAL 133 approved textiles on your purchase order.

Please contact our Customer Service team to understand if a specific COM can pass CAL 133 standards or will need to be sent for testing. Keilhauer assumes no responsibility for the flame retardancy of any customer's own material/textile.

## CAL 133 LEATHER

All leather is CAL 133 approved. Most faux leathers do not pass CAL 133, please contact customer service or your local rep for exceptions.

## CAL 133 PLASTIC

All nylon plastic chairs are CAL 133 approved. Most polypropylene plastic products do not pass CAL 133, please contact customer service or your local rep for exceptions.

## CAL 133 MESH

All our mesh materials are CAL 133 approved except for the 6C Knit Seat, Doko D-Mesh, and Flit F-Mesh.

## DIVISION 12

All Division 12 products will pass CAL 133 in approved textiles and materials.

## ORDERING CAL 133 FURNITURE

Clearly specify CAL 133 on your order. Keilhauer CAL 133 upholstered furniture does not require additional lead time. Please contact Keilhauer's Customer Service if a burn test certificate is required.

## CAL 133 UPCHARGE

Please contact your local rep to quote upcharges regarding CAL 133 upholstery.

# CAL 133 Compliance & Suitability Chart for Keilhauer Textiles & Products

This chart specifies whether a textile or product is compliant and suitable for an entire product family. To find out model compatibility within the family please contact customer service.

- Textile / Product has passed CAL 133 testing
- ✗ Textile / Product does not pass CAL 133 testing
- Textile / Product requires further testing

- \*Cahoots models 9060, 9061, 9071, 9072, 9075, 9076 do not comply with CAL 133 testing
- \*\*Burn test is required for CAL 133 compliance
- \*\*\* Also solid color plastics comply, but all translucent colors do not comply with CAL 133

	Allegra**	Berkshire	Bijou	Brisa	California	Cordillera	District - 5	Emerson	Flannella	Hatch	Haven	Kura	Lavoro**	Merkat	Momo	Nova**	Oona	Piatto	Sguig	Sierra	Sustain	Town	Ultraleather Pro	Vicolo	Velvety	Wyoming	
141	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
6C	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Aesync	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Also***	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Boxcar	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Branden	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Buncha	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Cahoots*	○	✗	●	✗	✗	○	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Celia	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
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Coy	○	✗	●	✗	✗	○	●	●	●	✗	●	●	○	●	✗	○	●	○	✗	✗	✗	●	✗	●	✗	✗	
Cona	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Dally	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Danber	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Danforth	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Doko	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	○	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	
Doon	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Eglinton	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Electric	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Ellaby	○	✗	●	✗	✗	○	●	●	●	✗	●	●	○	●	✗	○	●	○	✗	✗	✗	●	✗	●	✗	✗	
Elite	○	✗	●	✗	✗	●	●	●	●	✗	●	○	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Epix	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	○	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	
Filo	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
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Garner	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Grand	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
GSD	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Jumble	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Junior	○	✗	●	✗	✗	●	●	●	●	✗	●	●	○	●	✗	○	●	●	✗	✗	✗	●	✗	●	✗	✗	
Juxta	○	✗	●	✗	✗	○	●	●	●	●	✗	○	○	●	●	○	●	○	✗	✗	✗	●	✗	●	✗	✗	
KM-Tuxedo	○	✗	●	✗	✗	●	●	●	●	✗	✗	●	○	●	●	○	●	●	✗	✗	✗	●	✗	●	✗	✗	

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Loon	○	✘	●	✘	✘	●	●	●	●	●	✘	●	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
Lull	○	✘	●	✘	✘	●	●	●	●	●	✘	●	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
Meander	○	✘	●	✘	✘	●	●	●	●	●	✘	●	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
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Opt	○	✘	●	✘	✘	●	●	●	●	●	✘	○	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
Orign**	○	✘	○	✘	✘	○	○	○	○	○	✘	○	○	○	○	○	○	○	✘	✘	✘	○	✘	○	✘	✘	
Oro**	○	✘	○	✘	✘	○	○	○	○	○	✘	○	○	○	○	○	○	○	✘	✘	✘	○	✘	○	✘	✘	
Pact	○	✘	●	✘	✘	●	●	●	●	●	✘	○	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
Parlez	○	✘	●	✘	✘	●	●	●	●	●	✘	●	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
Plunk	○	✘	●	✘	✘	●	●	●	●	●	✘	●	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
Ponder	○	✘	●	✘	✘	○	●	●	●	●	✘	●	○	●	●	○	●	○	✘	✘	✘	●	✘	●	✘	✘	
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Sguig	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	○	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	
Simple	○	✘	●	✘	✘	●	●	●	●	●	✘	○	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
Sky Stool	○	✘	●	✘	✘	●	●	●	●	●	✘	○	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
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Swav	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Swurve Channel	○	✘	○	✘	✘	○	○	○	○	○	✘	○	○	○	○	○	○	○	✘	✘	✘	○	✘	○	✘	✘	
Swurve Mesh	○	✘	●	✘	✘	●	●	●	●	●	✘	●	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
Symm	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Talk	○	✘	●	✘	✘	○	●	●	●	●	✘	○	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
Tom	○	✘	●	✘	✘	●	●	●	●	●	✘	○	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
Trua	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	○	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	
Unity	○	✘	●	✘	✘	●	●	●	●	●	✘	●	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
Vagabond	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Vanilla	○	✘	●	✘	✘	●	●	●	●	●	✘	●	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
Verge	○	✘	●	✘	✘	●	●	●	●	●	✘	●	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
Visit	○	✘	●	✘	✘	●	●	●	●	●	✘	●	○	●	●	○	●	●	✘	✘	✘	●	✘	●	✘	✘	
Wunder	○	✘	●	✘	✘	○	●	●	●	●	✘	●	○	●	●	○	●	○	✘	✘	✘	●	✘	●	✘	✘	