

PRODUCT INFORMATION

BIFMA + LEED + MSD/RED LIST + GREENGUARD



v21319JT



PRODUCT INFORMATION

BIFMA

SXP-1502 ANSI/BIFMA Statement

Due to the nature of construction of our foam coated products, ANSI/BIFMA testing was only performed on our Louis chair line. Following are the results from the test report.

DESCRIPTION OF SAMPLES:

Part Description: SIXINCH Louis Chair Line

Condition of Test Sample: New

WORK REQUESTED/APPLICABLE DOCUMENTS:

To test the submitted sample per ANSI/BIFMA X5.1-2011 Chair Test Standard for the following test program:

| Test No. | Test Description |
|----------|------------------------------|
| 6 | Back Rest Strength-Non-Tilt |
| 8 | Drop-Dynamic |
| 11 | Seating Durability |
| 13 | Arm Strength-Vertical |
| 14 | Arm Strength-Horizontal |
| 16 | Backrest Durability-Non-Tilt |
| 18 | Leg Strength |
| 21 | Arm Durability |

CONCLUSION:

The submitted sample meets the acceptance criteria of the tests listed above.



PRODUCT INFORMATION

LEED

SXP-1501 Leed Statement of Record

All of the materials and processes involved in the production of SIXINCH coated products meet or exceed the Materials Petal within the broader Petal Intent from the Living Building Challenge v3.0 Material Petal Certification, LEEDv4 and Well Building Standard.

It has always been our belief that healthy work environments require a well thought out process toward creating the very best and safest product possible for our clients and partners. As a result none of the following materials will be found in any of our collection:

- Alkyl phenols**
- Asbestos**
- Biphenyl A (BPA)**
- Cadmium**
- Chlorinated Polyethylene and Chlorosulfonated Polyethylene**
- Chlorobenzenes**
- Chlorofluorocarbons (CFCs) and Hydro chlorofluorocarbons (HCFCs)**
- Chloroprene (Neoprene)**
- Chromium VI**
- Chlorinated Polyvinyl Chloride (CPVC)**
- Formaldehyde (added)**
- Lead (added)**
- Mercury**
- Per fluorinated Compounds (PFCs)**
- Polychlorinated Biphenyls (PCBs)**
- Phthalates**
- Polyvinyl Chloride (PVC)**
- Polyvinylidene Chloride (PVDC)**
- Short Chain Chlorinated Paraffins**
- Wood treatments containing Creosote, Arsenic, or Pentachlorophenol**
- Volatile Organic Compounds (VOCs) in wet applied products**

Additionally, Sixinch is capable of providing non-HFR foams at customer request. Currently non-HFR foams are not standard and require price adjustment and possible lead time considerations depending on order specifics.

More specifically:

- SIXINCH coated products contain no Polyvinyl chlorides (PVCs)**
- SIXINCH coated products contain no CFCs**
- SIXINCH coated products have VOCs measured at 2.25 lbs/gallon.**
- SIXINCH products (as stated) can be made using an HFR Free polyurethane foam.**



PRODUCT INFORMATION

MSD/RED LIST

November 21, 2017

Team,

We have completed our preliminary investigation of how materials found in SIXINCH products align with the Materials Petal within the broader Petal Intent from the Living Building Challenge SM 2.1 (May 2012) from the International Living Future Institute SM.

This letter records this stage of our findings.

Living Building ChallengeSM 2.1 sites a list of materials and chemicals to be avoided in specified furniture items for building projects with the intention of meeting their standards. These materials and chemicals are compiled in a “Red List”, and is generally understood to include the following:

- Asbestos**
- Cadmium**
- Chlorinated polyethylene and chlorosulfonated polyethylene (CSPE); Chlorofluorocarbons (CFCs)**
- Chloroprene (neoprene)**
- Formaldehyde**
- Halogenated Flame Retardants (HFRs)**
- Hydrochlorofluorocarbons (HCFCs)**
- Lead**
- Mercury**
- Petrochemical fertilizers and pesticides**
- Phthalates**
- Polyvinyl chloride (PVC)**
- Wood treatments containing creosote, arsenic or pentachlorophenol**

Comparing materials and chemicals found on SIXINCH products with the Red List we find that SIXINCH products meet the criteria for specification of Living Building Challenge buildings provided that the customer specifies a non-HFR foam component at the time of product specification and ordering.

SIXINCH is capable of providing non-HFR foams at customer request. Currently non-HFR foams are not standard and require price adjustment and possible lead time considerations depending on order specifics.

More specifically:

SIXINCH coated products contain no Polyvinyl chlorides (PVCs)

SIXINCH coated products contain no CFCs

SIXINCH coated products have VOCs measured at 2.25 lbs/gallon.

SIXINCH coated products contain Methylene diphenyl diisocyanate (MDI).

MDI is a chemical found in all expanded urethane foams used for furniture, mattresses, carpet padding, and anywhere else foam is found. This is true whether foams are completely petroleum based or organically enhanced with plant matter such as soy.

The Living Building ChallengeSM 2.1 is a complex initiative and is not limited to compliance with a list of materials and chemicals, but clearly states the intent of environmental responsibility in product design and specification. For SIXINCH this is an on-going commitment and will involve continuous improvement.

We look forward to sharing more about our journey to even deeper sustainability.



PRODUCT INFORMATION

GREENGUARD

SXP-1503 GREENGUARD Statement

The GREENGUARD “Indoor Air Quality” and “Children & Schools” Certification Programs address the needs of the commercial building industry, focusing on products like building materials, seating, and systems furniture.

At this time SIXINCH does not participate in the GREENGUARD Certification Program. SIXINCH is an approved Google Red List supplier and supports the Living Building Challenge.