

## Plume

466382

**Greenguard and Greenguard Gold Certification**

Plume is Greenguard certified and Greenguard Gold certified as a low-emitting material.

• Certification: T10So99122-4

Greenguard certification verifies that chemical and particle emissions fall within acceptable indoor air quality pollutant thresholds for adults. Products are tested for emissions of formaldehyde, volatile organic compounds (VOCs), respirable particles, ozone, and other pollutants using environmental chamber protocols designed to simulate typical indoor environments.

Greenguard Gold certification is a separate program tailored to the needs of children who have a greater sensitivity to indoor air quality. Greenguard Gold sets lower thresholds on allowable emissions by a factor of 0.43 to account for the needs of educational environments. Greenguard Gold certified textiles comply with CA Section 01350 requirements for schools and are accepted for Collaborative for High Performance Schools (CHPS) Low-Emitting Materials credits.

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**REACH Compliant**

REACH stands for the European Community Regulation on chemicals and their safe use. The aim of REACH is to improve human health by requiring manufacturers to gather information on the properties of their chemical substances, register the information in a central database run by the European Chemicals Agency, and substitute Substances of Very High Concern (SVHC) when suitable alternatives have been identified.

The resource that produces Plume has fulfilled their obligations according to REACH and has confirmed they have made the necessary pre-registrations for the chemicals involved in the production of Plume.

Plume is REACH Compliant.

**LBC Red List Compliant**

The Living Building Challenge Red List is a chemical list that contains the worst in class materials prevalent in the building industry. The commonly-used chemicals on the Red List have been designated as harmful to living creatures or the environment. Products that are Red List Compliant do not contain any of the toxic chemicals listed on the LBC Red List.

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#### **Healthier Hospitals Compliant**

The Healthier Hospitals Initiative is an on-going effort to limit the dangerous chemicals that are commonly used in hospitals and health care facilities. Maharam products that are listed as Healthier Hospitals Compliant avoid the use of formaldehyde, per fluorinated compounds (PFC), polyvinyl chloride (PVC), antimicrobials, and all flame retardants (FR).

#### **Environmentally Improved Manufacturing Processes**

- Plume is free of flame retardant chemicals.

#### **Manufacturing**

Location of Manufacture: Waarschoot, Belgium

Location of Harvest/Extraction: Due to the complex and changing nature of the textile supply chain, location of harvest/extraction is unknown.

#### **Rapidly Renewable Content**

30% Linen, 16% Cotton

#### **LEED**

Plume may contribute to the following LEED points:

- LEED V4 ID+C MR Credit: Building Product Disclosure and Optimization - Bio-Based Materials
- LEED V4 ID+C MR Credit: Building Product Disclosure and Optimization - REACH Compliant

#### **Biodegradable and Recyclable Content**

Maharam does not make claims that could misrepresent the environmental attributes of its products. At this time, a national infrastructure to collect and process textiles at the end of their useful lives does not exist. For this reason, Maharam does not claim that any of its products are biodegradable or recyclable. Maharam supports industry initiatives to develop these facilities, but until such a system is in place, Maharam's position is to not label its products as either biodegradable or recyclable.

Maharam's cardboard packaging materials are readily recyclable.

#### **Free of Intentionally Added PFAS**

Complete product information at [maharam.com](https://maharam.com)

800.645.3943