



## Sustainability Action Plan: A Commitment to Conscious Textiles

Architex recognizes that the textile industry stands at a critical intersection of design excellence and environmental responsibility. We are committed to a future where high-performance textiles coexist with a healthy planet. Our Sustainability Action Plan focuses on seven core pillars: **Decarbonization, Water Stewardship, Waste Elimination, Responsible Sourcing, Chemical Safety, Ethical Labor and Performance Accountability.**

### 1. Energy & Carbon Management: The Path to Net Zero

Architex is committed to reducing the carbon footprint of our global supply chain. We recognize that the "embodied carbon" in textiles is a significant contributor to a building's life cycle impact.

- **Decarbonization Goal:** We prioritize partnerships with mills that utilize renewable energy sources (solar, wind, and hydro) and those with documented **ISO 14001** and energy management systems.
- **Carbon Neutrality:** We are expanding our portfolio of **Carbon Neutral** products, achieved through a combination of ultra-efficient manufacturing and verified carbon sequestration or offsetting projects.
- **Low-Impact Logistics:** We optimize our distribution networks to reduce "transportation miles," favoring regional sourcing and consolidated shipping to minimize Scope 3 emissions.

### 2. Water Stewardship

Textile production is traditionally water-intensive. Architex actively mitigates this through:

- **Solution-Dyeing:** We prioritize **Solution-Dyed** content, a process that integrates color into the fiber melt, virtually eliminating the water waste and toxic effluent associated with traditional vat dyeing.
- **Closed-Loop Systems:** We audit our manufacturing partners for the use of advanced wastewater treatment and closed-loop water recycling, ensuring that local watersheds remain uncontaminated.

### 3. Circularity & Waste Reduction

Architex is transitioning from a linear "take-make-waste" model to a **Circular Economy** framework.

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- **Recycled Content:** We aggressively source recycled and **Global Recycled Standard (GRS)** certified pre-consumer and post-consumer polyester and nylon to divert waste from landfills.
- **Waste Minimization:** Our manufacturing facilities utilize lean manufacturing and **ISO 9000** practices to reduce selvaqe waste and production scraps.
- **The Recycling Frontier:** While a national textile recycling infrastructure is still emerging, Architex is actively exploring "Take-Back" pilot programs and designing for "mono-materiality" to ensure future recyclability.

## 4. Responsible Sourcing & Material Health

We believe what is *in* our fabric is as important as how it looks.

- **Bio-Based Content:** We utilize renewable, natural resources—such as wool, linen, and silk—harvested within 10-year cycles to reduce reliance on petroleum-based synthetics.
- **PFAS-Free & Responsible Coatings:** Architex is a leader in the elimination of "Forever Chemicals," and we are proud to confirm that **our entire product line is 100% PFAS-Free**. We have successfully transitioned to non-fluorinated stain resistance across all collections. Furthermore, we actively prioritize **PVC-Free** alternatives, offering an expansive range of high-performance silicone and polyurethane-based textiles to reduce environmental impact while maintaining industry-leading durability.
- **Safe Chemistry:** Many of our products adhere to the **LBC Red List Free** and **Oeko-Tex 100** standards and **REACH Annex XVII** compliance, ensuring we exclude harmful phthalates, heavy metals, and formaldehyde.

## 5. Ethical Labor & Social Responsibility

Sustainability is incomplete without the "Social Pillar." Architex ensures that every yard of fabric is produced under fair and safe conditions.

- **Ethical Sourcing & Human Rights:** We believe that true sustainability is rooted in the dignity of the people who create our products. We require our global manufacturing partners to adhere to stringent fair labor practices that ensure safe, inclusive, and healthy working environments with guaranteed fair wages. Central to our supply chain integrity is the requirement that all suppliers abide by the **International Labor Organization's (ILO) Core Conventions**. This commitment ensures the absolute prohibition of child labor and forced labor, the elimination of workplace discrimination, and the protection of the right to freedom of association and collective bargaining. By aligning with these international benchmarks, Architex ensures that our textiles are produced under the highest standards of social responsibility.

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- **Social Fairness:** Through our **Cradle to Cradle** and **FACTS (NSF/ANSI 336)** certified products, we verify that social equity is addressed throughout the supply chain. To further guarantee the safety and dignity of the people behind our textiles, we prioritize partners who hold facility-level certifications such as **SA8000 (Social Accountability International)** and the **Global Organic Textile Standard (GOTS)**. These frameworks provide rigorous, third-party verification that our manufacturing partners uphold the highest standards for fair wages, workplace safety, and the protection of workers' rights from the fiber source to the finished fabric..

## 6. Rigorous Transparency & Certifications

To eliminate "greenwashing," Architex utilizes third-party verification to validate every claim.

- **Indoor Air Quality:** Architex offers a vast selection of products that meet the rigorous **CDPH Standard Method v1.2 (CA 01350)** for low VOC emissions. We verify these healthy interior standards through both third-party certifications—such as **GreenGuard Gold** and **SCS Indoor Advantage Gold**—and independent laboratory testing, ensuring our textiles support superior indoor air quality even in the absence of a specific branded mark.
- **Material Health Transparency:** We offer **Safety Data Sheets (SDS)**, **Health Product Declarations (HPDs)**, **GreenScreen** and material disclosure assessments to provide full ingredient transparency for designers and specifiers.
- **Building Standards:** Architex products are designed to contribute directly to **LEED**, **WELL**, and **Fitwel** certification credits through optimized material ingredients and sustainable manufacturing.

## 7. Compliance & Performance Summary

Architex textiles are engineered to meet and exceed the most rigorous regulatory and performance benchmarks in the commercial industry. Our compliance framework ensures that every specification contributes to a safer built environment.

### 1. Advanced Chemical Safety & Transparency

We eliminate hazardous substances at the source to protect installers and end-users.

- **AB 2998 (FR-Free):** We are committed to a flame-retardant-free future. By meeting fire codes (such as CAL TB 117-2013) without the use of "covered" chemicals, we prevent toxic additives from leaching into indoor dust.

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- **Proposition 65:** We provide transparency regarding the State of California's list of over 900 chemicals, ensuring designers have the "Right to Know" when specifying materials for public spaces.
- **Oeko-Tex® Standard 100:** This global benchmark ensures our textiles are tested for over 350 harmful substances. Unlike standard regulations, Oeko-Tex also screens for chemicals that are not yet legally restricted but are known to be harmful to human health, ensuring total "human-ecological" purity.

## 2. Clinical Grade Material Health & Global Standards

Architex views material health as a life-safety requirement. We distinguish between **Product Compliance** (the chemical engineering of our textiles) and **Formal Approval** (third-party verification and listing) to provide full transparency to our partners.

### Gensler Sustainability Standard 2.0

- **Approved Status:** Architex is proud to confirm that select textiles meet the rigorous criteria of the **Gensler Sustainability Standard 2.0**. These products are approved within this framework, helping design teams achieve high-performance results in carbon reduction and material health for Gensler-led projects worldwide.

### Practice Greenhealth & Greenhealth Approved

Architex is a proud supporter of the Sustainable Healthcare Furnishing Textile category, a dedicated framework for textiles used in healthcare furnishings, decor, and patient environments. We align our material sourcing with these rigorous standards to ensure our textiles contribute to safer, non-toxic healing spaces.

- **Healthy Interiors & Sustainable Procurement:** We engineer our healthcare-specific textiles to meet the core procurement attributes defined by Practice Greenhealth. This includes a strict focus on eliminating "Chemicals of Concern"—such as PFAS, PVC, added antimicrobials, and ortho-phthalates—from our specialized collections.
- **Verification & Transparency:** Our compliance is rooted in full ingredient disclosure and established safety benchmarks like **Oeko-Tex Standard 100**, which serves as a key verification tool for our chemical-free claims.
- **Compliance Status:** Many Architex textiles are designed for **Greenhealth Compliance**, meeting the necessary chemical, waste, and labor criteria required for modern healthcare environments.
- **Approval Status:** We are actively pursuing the **Greenhealth Approved Seal** for select products. This seal provides third-party validation that our documentation and



manufacturing processes have been transparently vetted to meet the highest industry standards

### 3. Operational & Environmental Management

Our commitment to sustainability extends to the physical walls where our textiles are created.

- **ISO 14001 Certification:** We prioritize manufacturing facilities that utilize this international standard for Environmental Management Systems (EMS). This ensures our partners have a systematic framework to reduce their environmental footprint, manage resource consumption, and improve waste treatment.
- **ISO 9001 Integration:** Many of our partners also hold ISO 9001 certification, ensuring that "Quality Management" and "Environmental Management" work in tandem to reduce production errors and material waste.