

Product Catalog

- Certifications
- Affiliations
- Products

Fabrics for Life™

Fabrics for Life™



Mermet's "Fabrics for Life™" begin with everyday life in mind, whether at home, in the office, hospitality or healthcare. Our state-of-the-art weaving process creates designer fabrics which function beautifully to maintain the view while efficiently managing the effects of the sun.

Mermet offers over 500 fabric options for interior and exterior applications, ranging from transparent, to translucent, to blackout. A variety of openness factors from 0% to 14% offer varying degrees of privacy, view through, glare control and heat protection.

Mermet's innovative, functional fabrics are designed for solar protection, energy savings, pleasing visual aesthetics and acoustical comfort. Mermet fabrics are GREENGUARD® and Oeko-Tex certified, and fire rated to NFPA 701 standards.

The Benefits of Fiberglass



Solar screen shades constructed with Enduris™ Glass Core yarns are the most technically advanced solar control fabrics in the world. The durability and stability of Enduris™ Glass Core yarns begins from the inside out, starting with a fiberglass core.

- **3 times higher tensile strength than steel**
- **Naturally fire resistant**
- **Excellent dimensional stability**
- **Non-rotting**
- **Fiberglass requires minimal PVC for uniform coating**
- **Fiberglass is relatively unaffected by heat, humidity and load**

Our goal:
To be 100% landfill free by 2012

MERMET



S Screen 4% Licorice—made from recycled first quality yarn

Mermet is continually improving our efforts at reducing our “Carbon Footprint” throughout our facilities. At our South Carolina facility, a number of sustainable initiatives have been established:

- **We recycle pre and post production materials and downcycle all unused fabric for optimal utilization and resource conservation**
- **We are continually developing fabrics made with a fiberglass core—fiberglass features the lowest embodied energy consumption during production and provides the longest life expectancy when compared to other window shading materials**
- **We incinerate any remaining production material at 1500 degrees Fahrenheit to prevent the release of any harmful VOC’s**

Health, Environment & Education

Certifications



Fungal Resistance



Lead-Free



Microbial Resistance



Clean Air



Fire Retardant



Free of Dangerous Substances

Affiliations



Mermet Solar Screen Fabrics are listed in the McGraw Hill Construction Sweets Catalog. The Sweets Catalog is the industry's most popular construction guide, helping industry professionals select and specify products more effectively and accurately. Sweets Network website offers Fast-track designs, specifications and document creation with downloadable, insertable product information.



Mermet's "Solar Shade Fabric and Sustainable Design" CE Course is an in-depth presentation discussing the importance of building green, as well as the benefits of solar shading. The course is hosted by AEC Daily, the largest provider of free online continuing education for Architects and Interior Designers. The course is AIA and CSI registered.

For more information on Healthcare Certifications and Professional Affiliations, please visit the Mermet website:

www.mermetusa.com

Life at Home

- Optimize natural light and comfort in living spaces
- Pleasing visual aesthetics
- Protects wood floors and furnishings from damaging UV light
- Increased energy efficiency and reduced cooling costs



Light Filtering Fabric Options

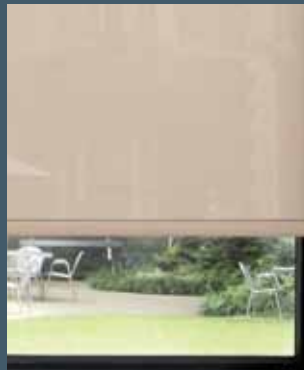
Transparent



- Clear view through fabric
- Natural light & glare control
- Solar protection
- Reduced solar heat gain

A Screen
Deco Screen
E Screen
M Screen Classic
M Screen Essence
Natte
R Screen
S Screen Elements
S Screen Origins
Satine
SilverScreen™
T Screen Classic
T Screen Fusion
Vienne

Translucent



- Diffused view
- Natural light filtration
- Solar protection
- Reduced solar heat gain

Cortina
Siena
Vela
Vizela

Blackout



- Complete UV blockage
- Ultimate privacy
- Solar Protection

Avila Twilight
Edessa Twilight
Flocké™

Transparent

A Screen

14% Openness

Transparent • Interior • Exterior

FR Class:

NFPA 701-04 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools

Oeko-Tex 100 Certified

RoHS-Lead Free

ASTM G21 Fungal Resistance

ASTM E2180 Microbial Resistance

10 Year Interior Warranty

5 Year Exterior Warranty

Standard Width:

98" (250 cm)



White/White

Charcoal/Linen



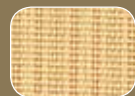
White/Pearl

Charcoal/Charcoal



White/Sable

Charcoal/Cocoa



Mustard/Pearl



Mustard/Linen



Mustard/Cocoa

Deco Screen

5% Openness

Transparent • Interior • Exterior

FR Class:

NFPA 701-04 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools

Oeko-Tex 100 Certified

RoHS-Lead Free

ASTM G21 Fungal Resistance

ASTM E2180 Microbial Resistance

10 Year Interior Warranty

5 Year Exterior Warranty

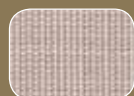
Standard Width:

98" (250 cm)



Parchment

Hazelnut



Naturelle



River Rock



Tumbleweed



Flagstone



Harvest

E Screen

1% & 3% Openness

Transparent • Interior • Exterior

FR Class:

NFPA 701-04 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools

Oeko-Tex 100 Certified

RoHS-Lead Free

ASTM G21 Fungal Resistance

ASTM E2180 Microbial Resistance

10 Year Interior Warranty

5 Year Exterior Warranty

Standard Widths:

98" (250 cm), 122" (310 cm)



White/White

Charcoal/Grey



White/Pearl

Charcoal/Bronze



White/Linen

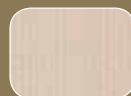
Charcoal/Charcoal



Grey/Grey



Grey/White



Linen/Linen

Transparent

E Screen

5% & 10% Openness

Transparent • Interior • Exterior

FR Class:

NFPA 701-04 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools

Oeko-Tex 100 Certified

RoHS-Lead Free

ASTM G21 Fungal Resistance

ASTM E2180 Microbial Resistance

10 Year Interior Warranty

5 Year Exterior Warranty

E Screen 5% Standard Widths:

76" (193 cm), 96" (244 cm),

120" (305 cm)

E Screen 10% Standard Widths:

78" (200 cm), 98" (250 cm),

122" (310 cm)



White/White

Linen/Stone



White/Pearl

Charcoal/Grey



White/Linen

Charcoal/Bronze



Pearl/Pearl

Charcoal/Charcoal



Pearl/Linen

Linen/Linen

M Screen Classic

3% & 5% Openness

Transparent • Interior • Exterior

FR Class:

NFPA 701-10 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools

Oeko-Tex 100 Certified

RoHS-Lead Free

ASTM G21 Fungal Resistance

ASTM E2180 Microbial Resistance

10 Year Interior Warranty

5 Year Exterior Warranty

Standard Widths:

78" (200 cm), 98" (250 cm),

122" (310 cm)



White/White

Pearl/Sable

Charcoal/Sable



White/Pearl

Pearl/Linen

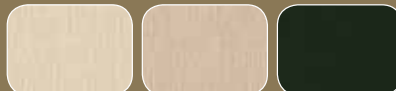
Charcoal/Charcoal



White/Sable

Linen/Linen

Charcoal/Ultramarine



White/Linen

Linen/Stone

Charcoal/Hunter



White/Stone

Linen/Ultramarine

Charcoal/Apricot



Pearl/Pearl

Charcoal/Grey

Cocoa/Charcoal

M Screen Essence

3% & 5% Openness

Transparent • Interior • Exterior

FR Class:

NFPA 701-10 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools

Oeko-Tex 100 Certified

RoHS-Lead Free

ASTM G21 Fungal Resistance

ASTM E2180 Microbial Resistance

10 Year Interior Warranty

5 Year Exterior Warranty

Standard Widths:

98" (250 cm), 122" (310 cm)



White/Straw-Linen

Cocoa/Sable-Straw

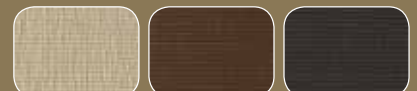
Charcoal/Brick Facade-Fall



Wh/Sable-Mustard

Cocoa/Fall-Mustard

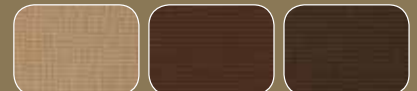
Cocoa/Brick Facade-Fall



Wh/Sable-Cocoa

Cocoa/Sable-Cocoa

Charcoal/Straw-Cocoa



Linen/Sable-Cocoa

Co/Phoenix-Cocoa

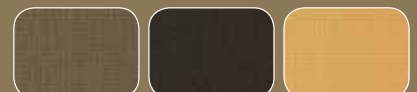
Cocoa/Phoenix-Hazelnut



Sable/Straw-Cocoa

Ch/Phoenix-Cocoa

Sable/Cocoa-Hazelnut



Sable/Charcoal

Charcoal/Cocoa

Sable/Mustard-Hazelnut

Transparent

Natte

12% Openness

Transparent • Interior • Exterior

FR Class:

NFPA 701-10 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools

Oeko-Tex 100 Certified

RoHS-Lead Free

ASTM G21 Fungal Resistance

ASTM E2180 Microbial Resistance

10 Year Interior Warranty

10 Year Exterior Warranty

Standard Width:

98" (250 cm)



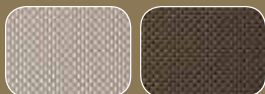
White/Stone

Bronze/Mustard



White/Mustard

Bronze/Cocoa-Mandarin



White/Pearl-Grey

Charcoal/Bronze



Bronze/Grey

Charcoal/Charcoal



Bronze/Bronze

Charcoal/Fern



Bronze/Pearl

R Screen

5% Openness

Transparent • Interior • Exterior

FR Class:

NFPA 701-04 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools

Oeko-Tex 100 Certified

RoHS-Lead Free

ASTM G21 Fungal Resistance

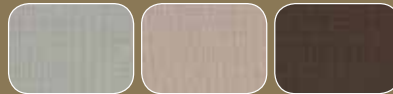
ASTM E2180 Microbial Resistance

10 Year Interior Warranty

5 Year Exterior Warranty

Standard Width:

98" (250 cm)



White/Grey

White/Cocoa

Charcoal/Apricot



White/White

Charcoal/Grey



White/Pearl

Charcoal/Stone



White/Stone

Charcoal/Straw



White/Straw

Charcoal/Charcoal



White/Huntergreen

Charcoal/Cocoa

Satine

5% Openness

Transparent • Interior • Exterior

FR Class:

NFPA 701-10 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools

Oeko-Tex 100 Certified

RoHS-Lead Free

ASTM G21 Fungal Resistance

ASTM E2180 Microbial Resistance

10 Year Interior Warranty

10 Year Exterior Warranty

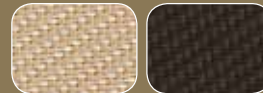
Standard Width:

98" (250 cm)



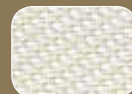
White/White

Charcoal/Bronze

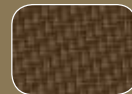


White/Sable

Charcoal/Charcoal



White/Straw



Bronze/Bronze



Bronze/Sable



Charcoal/Grey

Transparent



S Screen Origins

4% Openness

Transparent • Interior • Exterior

FR Class:

NFPA 701-04 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools

Oeko-Tex 100 Certified

RoHS-Lead Free

ASTM G21 Fungal Resistance

ASTM E2180 Microbial Resistance

10 Year Interior Warranty

5 Year Exterior Warranty

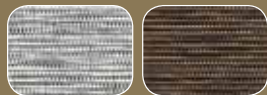
Standard Widths:

98" (250 cm), 122" (310 cm)



Porcelain

Patina



Marble

Sepia

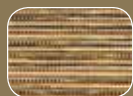


Jute

Carbon



Papyrus



Cork



Granite

S Screen Elements

4% Openness

Transparent • Interior • Exterior

FR Class:

NFPA 701-04 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools

Oeko-Tex 100 Certified

RoHS-Lead Free

ASTM G21 Fungal Resistance

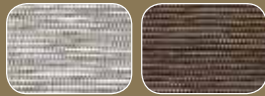
ASTM E2180 Microbial Resistance

10 Year Interior Warranty

5 Year Exterior Warranty

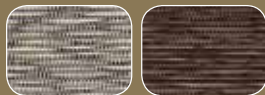
Standard Widths:

98" (250 cm), 122" (310 cm)



Seasalt

Clove



Peppercorn

Coffee Bean

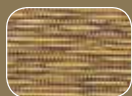


Nougat

Licorice



Almond



Ginger



Sesame

SilverScreen™

4% Openness • Metalized Fabric

Transparent • Interior

FR Class:

NFPA 701-10 TM #1, M1NFP92-503

Environmental Benefits:

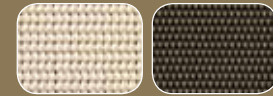
GREENGUARD® Children & Schools

RoHS-Lead Free

10 Year Interior Warranty

Standard Width:

94" (240 cm)



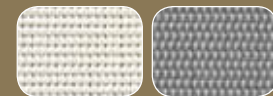
Beige

Bronze



Dark Beige

Chocolate Brown



White

Steel Grey



Light Grey

Misty Grey



Dark Grey



Black

Transparent

T Screen Classic

3% Openness

Transparent • Interior • Exterior

FR Class:

NFPA 701-10 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools

Oeko-Tex 100 Certified

RoHS-Lead Free

ASTM G21 Fungal Resistance

ASTM E2180 Microbial Resistance

10 Year Interior Warranty

5 Year Exterior Warranty

Standard Width:

98" (250 cm)



White/White

Sable/Charcoal



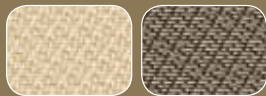
White/Pearl

Cocoa/Cocoa



White/Linen

White/Charcoal-Grey



Wh/Sable-Mustard

Charcoal/Linen-Pearl



Wh/Sable-Cocoa

Charcoal/Grey



Sable/Linen

Charcoal/Charcoal

T Screen Fusion

3% Openness

Transparent • Interior • Exterior

FR Class:

NFPA 701-10 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools

Oeko-Tex 100 Certified

RoHS-Lead Free

ASTM G21 Fungal Resistance

ASTM E2180 Microbial Resistance

10 Year Interior Warranty

5 Year Exterior Warranty

Standard Width:

98" (250 cm)



White/Sable

Sable/Cocoa-Hazelnut



White/Sable-Straw

Charcoal/Fall-Hazelnut



Sable-Straw/Cocoa

Cocoa/Phoenix-Mustard



Co/Sable-Linen

Cocoa/Apricot-Mustard



Co/Phoenix-Fall

Charcoal/Sable-Cocoa



Cocoa/Grey-Straw

Cocoa/Sable-Cocoa

Vienne

10% Openness

Transparent • Interior • Exterior

FR Class:

NFPA 701-10 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools

Oeko-Tex 100 Certified

RoHS-Lead Free

ASTM G21 Fungal Resistance

ASTM E2180 Microbial Resistance

10 Year Interior Warranty

10 Year Exterior Warranty

Standard Width:

98" (250 cm)



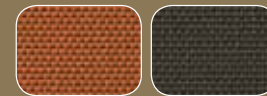
White/White

Charcoal/Pearl



White/Linen

Charcoal/Sable



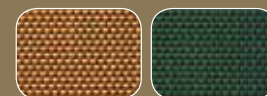
Bronze/Mandarin

Charcoal/Charcoal



Bronze/Straw

Charcoal/Denim



Bronze/Apricot

Charcoal/Pine



Charcoal/Grey

Life in Education

- Optimize daylight to improve student concentration and overall learning performance
- Keep students healthy with GREENGUARD® Indoor Air Quality and GREENGUARD® Children and School certified fabrics
- RoHS compliant & Oeko-Tex certified



M Screen 3% • White/Pearl

Photo courtesy of Timber Blind and Shutter:
Field of Dreams Nurture & Education Center, Indian Land, SC

Translucent

Cortina

5% Openness

Translucent • Interior

FR Class:

NFPA 701-04 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools
RoHS-Lead Free

PVC Free

ASTM G21 Fungal Resistance

ASTM E2180 Microbial Resistance

10 Year Interior Warranty

Standard Width:

118" (300 cm)



Cypress

Aspen



Maple

Birch



Teak



Bark



Hickory



Dogwood

Siena

7% Openness

Translucent • Interior

FR Class:

NFPA 701-04 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools
RoHS-Lead Free

PVC Free

ASTM G21 Fungal Resistance

ASTM E2180 Microbial Resistance

10 Year Interior Warranty

Standard Width:

118" (300 cm)



Cypress

Aspen



Maple

Birch



Teak



Bark



Hickory



Dogwood

Vela

3% Openness

Translucent • Interior

FR Class:

NFPA 701-10 TM #1, CA U.S. Title 19,
M1NFPA92-512

Environmental Benefits:

GREENGUARD® Children & Schools
RoHS-Lead Free

PVC Free

10 Year Interior Warranty

Standard Width:

118" (300 cm)



Charcoal

Charcoal Bronze



Linen



Pearl Linen



Pearl



Pewter



White

Life in Healthcare

- Ensure plentiful light in staff work areas
- Provide patients lighting that is comfortable and relaxing
- Inhibit microbial and fungal growth with ASTM E2180 and ASTM G21 certified fabrics
- Benefit from safe fabrics, free of lead and other heavy metals

Vizela

1% Openness

Translucent • Interior

FR Class:

NFPA 701-10 TM #1, CA U.S. Title 19,
ASTME E-84

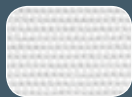
Environmental Benefits:

GREENGUARD® *Children & Schools*
RoHS–Lead Free
PVC Free

10 Year Interior Warranty

Standard Width:

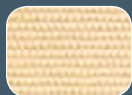
78" (200 cm)



Blanc



Sahel



Mississippi



Chartreux



Loutre



Deco 5% • Naturelle

Photo courtesy of Woodruff Family Dentistry, Woodruff, SC

Blackout

Avila Twilight

0% Openness

Blackout • Interior

FR Class:

NFPA 701-04 TM #1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools
RoHS-Lead Free
Duraguard® Stain resistant
Sanitized® Mold & Mildew resistant
PVC Free

10 Year Interior Warranty

Standard Width:

110" (280 cm)



Black

Slate Grey

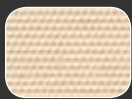


Chocolate

White



Khaki



Linen



Olive



Pearl

Edessa Twilight

0% Openness

Blackout • Interior

FR Class:

ASTM E84

NFPA 701-99 TM#1, CA U.S. Title 19

Environmental Benefits:

GREENGUARD® Children & Schools
RoHS-Lead Free
PVC Free

10 Year Interior Warranty

Standard Width:

118" (300 cm)



Arctic

Savannah



Beach

Tundra



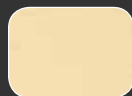
Desert



Glacier



Mesa



Reef

Flocké™

0% Openness

Blackout • Interior

FR Class:

NFPA 701-10 TM #1, CA U.S. Title 19

ASTM E-84

Environmental Benefits:

Oeko-Tex 100 Certified
RoHS-Lead Free
PVC Free

10 Year Interior Warranty

Standard Width:

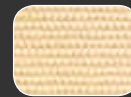
78" (200 cm)



Blanc



Sahel



Mississippi



Chartreux



Loutre

Life in the Office

- Improve safety, security and visibility in business environments
- Ensure visual comfort while limiting glare
- Protect wood floors and furniture from damaging UV light
- Enhance acoustic comfort



Choosing the Right Fabric: Factors to Consider

Applications

Interior and exterior applications require different fabric specifications.

Interior Applications

- Create beautiful, designer décor
- Can reduce ambient room temperature up to 6°F
- Contribute to acoustic comfort

Exterior Applications

- Best for reducing solar heat gain
- Can reduce ambient room temperature up to 20°F
- Require durable and stronger fabric

Color Spectrum

Color is one of the key factors in selecting solar fabric. Color will directly affect heat gain, view through and glare.

Light Colors

- Light colors allow for less heat gain due to their great reflectance capabilities
- Light colors have greater surface brightness when sunlit and reflect more light back into interior spaces
- Light colors preserve natural light levels which reduce artificial dependency

Dark Colors

- Darker colors offer superior glare control which reduces eye strain
- Darker colors provide a better view through the screen to the outside
- Darker colors absorb more light and heat and are less energy efficient than lighter colors in warm climates

Openness Factor

Openness factor, also known as weave density, is another key factor in selecting solar fabric. Openness factor affects degree of visibility, glare control and UV blockage.

High Openness

- Fabric with a high openness factor has better visibility and view through
- High openness allows more natural light

Low Openness

- Fabric with low openness factor transmits less visible light (Tv) and blocks more UV
- Low openness creates more privacy

Life in Hospitality

- Enhance customer mood and desirability of space
- Efficiently eliminate heat from solar radiation
- Feel secure with Mermet's 10 year fabric warranties and fire resistant capabilities
- Reduce dependence on manufactured lighting



MERMET



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