

THEIA™ Performance Specification

Today, the typical industry tolerances around fabric solar performance properties is large and can cause reduced visual comfort and energy savings. If fabric performance properties are not tightly controlled, your building design intent will not be achieved.

THEIA™ Compliant Fabrics

- Are critical to ensure design intent for building performance is met
- Are held to a new standard to control variations in openness and transmittance
- Ensure that the fabric is delivered as specified



THEIA Performance Specification

- Openness factor tolerance (+/- 0.75%)
- Visible light transmittance (Tv) tolerance: (+/- 1%) or (+/- 20% x Tv)
- Follows Measurement Standard EN14500: 2008 and ASTM 903



Find THEIA compliant fabrics in the Performance Shading Solutions binder

Spec Grade Solar Screens

Using THEIA Compliant Fabrics in the Fabric Wizard

In the Fabric Wizard, select "Display only THEIA™ Compliant Fabrics" to filter the results for those that meet the Performance Specification.

The screenshot shows the 'Results' section of the Fabric Wizard. At the top, it says 'Results (39 fabrics found)' and has a 'Compare Fabrics' button. Below this, there is a filter dropdown set to '1 Filters Applied' and a checkbox labeled 'Display only THEIA™ Compliant Fabrics' which is checked. The main area displays six fabric samples, each with a sun icon and a performance rating of five stars. The samples are:

Sample	Color/Pattern	Openness	Performance
1	Charcoal/Charcoal	1.9%	★★★★★
2	Cocoa/Cocoa	1.9%	★★★★★
3	Charcoal/Cocoa	1.8%	★★★★★
4	Charcoal/Grey	1.7%	★★★★★
5	Cocoa/Apricot	1.9%	★★★★★
6	Charcoal/Apricot	1.7%	★★★★★