



TALIU<sup>®</sup>S

**ENERGY EFFICIENT SOLUTIONS**

---

FOR EDUCATIONAL FACILITIES



*"Solar shading is much more than a component. A performance shading solution is a concept that combines solar and daylight management."*

– European Solar-Shading Organization

## ENERGY EFFICIENT SOLUTIONS

### FOR EDUCATIONAL FACILITIES

#### HABITAT SCREENS™ & ROLLSHUTTERS

Save on expensive air conditioning and heating costs with a one time, cost effective energy efficient installation.



#### TALIUS STANDARD COLOURS



SILVER



BLACK



WHITE



BEIGE



BROWN

Or choose from over 1800 custom colour options also available

### SAVE MONEY and REDUCE YOUR CARBON FOOTPRINT with TALIUS HABITAT SCREENS™ or ROLLSHUTTERS

- Talius Habitat Screens™ and Rollshutters are custom made in our state-of-the-art manufacturing facility using the highest quality materials in the industry. Each product is custom made and tailored to fit any application.
- Fully retractable and installed on the building exterior, they are an effective solution to solar heat gain or loss. Designed to combine purpose with appearance, they also blend seamlessly into any building design.
- Habitat Screens™ and Rollshutters offer easy operation, either manually or by motorized convenience with the use of individual or group controls. Remote controls, sun sensors, timers and integration into building automation systems is also available to maximize energy efficiency and provide worry free operation.
- Habitat Screens™ are made using vinyl-coated polyester fabric, engineered specifically for exterior applications. Fabrics are available in a variety of colours and 3 different weave densities to provide the exact amount of shading desired.
- Rollshutters are made from high quality aluminum and stainless steel components and are insulated with a resin core to reduce heat gain or loss. Additionally, the resin core acts as a sound barrier and significantly reduces noise interference in the classroom.

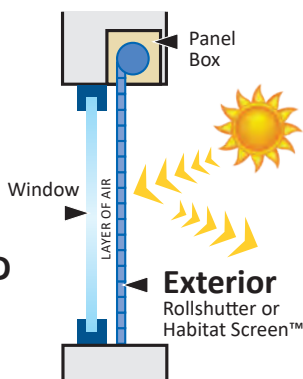
TALIUS PRODUCTS VS. Interior Window Treatments	Talius Habitat Screens™	Talius Rollshutters	Interior Blinds	Window Tinting	Interior Screens
Blocks Heat	•	•			
Preserves your view	•		•	•	•
Saves Energy	•	•			
Exterior Mounted	•	•			
Retractable	•	•	•		•
Blocks UV Rays	•	•	•	•	•
Easy to Clean	•	•		•	
Insect Protection	•	•			•
Wind Resistant	•	•	•		•
Daytime Privacy	•	•	•	•	•



## INNOVATIVE PROVEN TECHNOLOGY

Rollshutters and Habitat Screens™ were selected by the National Research Council of Canada for a comprehensive study on the energy efficiency of exterior solar shading versus interior solar shading. The study concluded that Talius exterior products are the most efficient at reducing heating and cooling energy use, on-peak cooling power demand, and the moisture condensation on the interior surfaces of windows.

### EXTERIOR MOUNTED HABITAT SCREENS™ & ROLLSHUTTERS REDUCE AIR CONDITIONING AND HEATING COSTS



In hot climates, Habitat Screens™ and Rollshutters reduce or block solar heat reducing cooling costs. In cold climates, they trap heat and a layer of air between the window and Rollshutter or Habitat Screen™ which acts as insulation to help prevent heat loss.

### FROM THE NATIONAL RESEARCH COUNCIL OF CANADA 2009 STUDY

- Rollshutters reduce the risk of moisture condensation on interior window surfaces during the night during winter by keeping interior glass surfaces 4°C (39.2°F) warmer than homes without rollshutters.
- When used with conventional windows of old houses, rollshutters may reduce the windows U-factor by up to 40% and daily energy use of air conditioning units by about 45% compared to homes without rollshutters.
- Habitat Screens™ stop the sun's intense and harmful heat and glare before it reaches your windows and reduce the solar heat gain by 80% when compared to alternative window treatments, and save you money.
- When closed at night, rollshutters reduce heat loss through the windows by 20% and reduce the heating energy use by 4% compared to homes without rollshutters.

### COMBAT GRAFFITI WITH TALIOUS ANTI-GRAFFITI COATING

Graffiti is a costly problem that schools are often faced with, but Talius has the ultimate solution.

Our anti-graffiti coating has a durable chemical resistant surface making it an ideal choice for rollshutters installed in public areas and schools.

Simply wipe off graffiti and save time and money on maintenance.

# TALIOUS®

## ENERGY EFFICIENT SOLUTIONS

FOR EDUCATIONAL FACILITIES



### WE CAN MANAGE ANY SIZED PROJECT – FROM BIG TO SMALL

Talius is a trusted industry leader for energy efficient solutions having installed our products on hundreds of schools across North America.

We have the expertise to handle any sized project with confidence and efficiency.



### SERVICE YOU CAN TRUST

We have developed a 4 step plan to ensure your satisfaction.

**First**, we will meet with you to determine your security objectives and requirements.

**Second**, our technicians will define the product specifications and measurements.

**Third**, our installers will ensure an effective installation.

**Fourth**, we will train your staff in the operation and maintenance of your products.



### BUILT TO LAST

Talius Habitat Screens™ and Rollshutters are engineered using the most durable components to ensure that our products stand up to the test of time.

All our products come with our comprehensive warranty so you can feel confident in choosing Talius for a worry free, long lasting energy efficient solution.

While educational facilities are making energy efficiency a major priority,

## **PROTECTION** AGAINST \_\_\_\_\_ **vandalism, break-ins and theft** \_\_\_\_\_ IS ANOTHER GREAT CONCERN

Talius has been committed to engineering high quality security and energy efficient products for over 30 years.

**We are proud to offer the strongest resin core slat available in the industry making our Rollshutters superior to our competitors.**

Our Rollshutters and Vandal Panels™ provide unbeatable protection against vandalism, break-ins and theft making us the trusted security solution provider for hundreds of schools across North America.

Talius product benefits \_\_\_\_\_



### **Lock-down is simple with Talius Rollshutters**

Talius Rollshutters can be operated manually or with motorized convenience. Motorized operation allows for individual or group control making lock-down fast and simple. We offer a variety of control methods to suit your installation best. Choose from wall mounted standard or key switches, remote control, or our custom building automation solutions which can be integrated into your existing building automation and lock-down systems.



### **Positive impact on student morale**

The appearance of window bars and other security options are not often a welcoming sight for students but because Rollshutters blend seamlessly into any building design, they provide a positive impact on student morale without compromising on security.



### **Solutions for awkward spaces**

Vandal Panels™ are a stationary panel made from durable perforated aluminum providing superior strength without obstructing natural daylight. They make a perfect solution for door lites, side lites, transom windows, or anywhere that space and security is a concern.



#### **HEAD OFFICE/MANUFACTURING FACILITY**

PO Box 3279, 5501 - 46 Ave SE

Salmon Arm, BC, Canada V1E 4S1

TEL 250.832.7777 ■ FAX 250.832.8577

EMAIL [info@talius.com](mailto:info@talius.com)

#### **VANCOUVER BRANCH OFFICE**

#4, 200 Golden Drive

Coquitlam, BC, Canada V3K 6M8

TEL 604.468.7655 ■ FAX 604.468.7656

EMAIL [taliusvancouver@talius.com](mailto:taliusvancouver@talius.com)