

ROLLING SHUTTER SYSTEMS

TRANSPARENT **ROLLING SHUTTERS**

4 Systems · up to 25 ft

Polycarbonate and PVC transparent shutters — visibility by day, security by night.



FULL LENGTH



STANDARD TYPE



RIB TYPE



PVC FABRIC

Visibility Without Compromise

A closed shutter shouldn't hide your business. SIE transparent rolling shutters replace solid steel curtains with crystal-clear polycarbonate or PVC — so window displays keep selling after hours, malls stay bright, and interiors stay open in feel while closed in fact. Polycarbonate is up to **250 times stronger than glass**, yet light enough for smooth motorised rolling. Four systems cover everything from an interior partition to a wind-rated exterior storefront.

250×

Stronger Than Glass

Up to 25 ft

Maximum Width (Rib Type)

3–5 mm

Slat Thickness Range

Motorised

Tubular & Side Motors

Choose Your System

SIE-TSF Full Length

PREMIUM LOOK



Polycarbonate slat roll with full-length aluminium sleeve — the cleanest, sleekest transparent shutter. Aluminium bottom and middle connectors with end-cap locking edge for stability and smooth rolling.

Max width: up to 20 ft · **Best for:** malls, storefronts, interior partitions. Not for high-wind or high-security openings.

SIE-TSS Standard

MOST POPULAR



Interlocking polycarbonate slats reinforced with 15.8 mm OD hollow stainless steel pipes — the most economical and widely preferred transparent shutter, with genuine wind resistance.

Slat: 300 mm wide · 70 mm viewable · **End locking:** PVC caps or PUF rivets · indoor & outdoor.

SIE-TSR Rib Type

STRONGEST



Heavy-duty polycarbonate slats with reinforced aluminium top and bottom edges, interlocked into a single aluminium profile — the strongest transparent shutter we build, rated for wind pressure.

Slat: 300 mm wide · 68 mm clear height · 3–5 mm thick · **Max length:** up to 25 ft · exterior use.

SIE-TSP PVC Fabric

WEATHER GUARD



Imported 2 mm transparent PVC fabric reinforced with high-tensile coloured fabric welding, aluminium middle connectors and inserted rods — lightweight, flexible and fully weather-tight.

Best for: rain protection, anti-dust partitions, warehouse & kiosk covering · aluminium bottom with rubber & insect foam.

Ideal Applications

■ Shopping Malls & Retail

■ Storefronts & Showrooms

■ Display Areas

■ Interior Partitions

■ Restaurants & Cafés

■ Warehouses

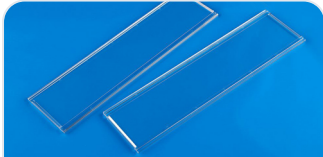
■ Balcony & Rain Covering

System Comparison

PARAMETER	SIE-TSF Full Length	SIE-TSS Standard	SIE-TSR Rib Type	SIE-TSP PVC Fabric
Curtain Material	PC roll + Al sleeve	PC interlocking slats	PC heavy-duty slats	PVC transparent fabric
Slat / Panel Width	100 mm roll	300 mm	300 mm	Full-width fabric
Clear Viewable Height	Full panel	70 mm	68 mm	Full panel
Thickness	1.5 mm	1.5 mm	3–5 mm	2 mm
Reinforcement	Aluminium sleeve	15.8 mm OD SS pipe	Aluminium top & bottom edge	High-tensile fabric welding
Max. Width	20 ft	on request	25 ft	on request
Wind Resistance	Low — interior	Good	High — exterior	Moderate
End Locking	End cap locking edge	PVC caps / PUF rivets	Interlocked Al profile	End lock closure
Operation	Motorised — tubular or side motor · manual override · remote / switch control			

Selection guide: Full Length for the sleekest interior look · Standard for the best value with wind resistance · Rib Type for large exterior openings · PVC Fabric where rain, dust and insects are the concern.

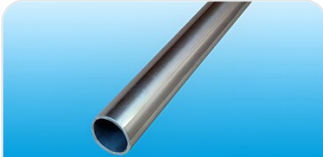
Components & Hardware



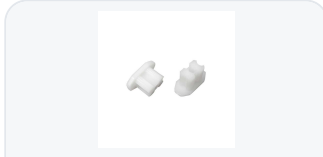
PC Slats
Crystal-clear polycarbonate slats, 300 mm wide.



Interlocking Slats
Slats with pipe sleeves for SS reinforcement.



SS Hollow Pipe
15.8 mm OD stainless reinforcement pipe.



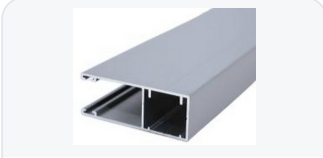
End Caps
PVC end caps lock slats and pipes securely.



PC Full Roll
100 mm × 1.5 m polycarbonate roll, 100 m.



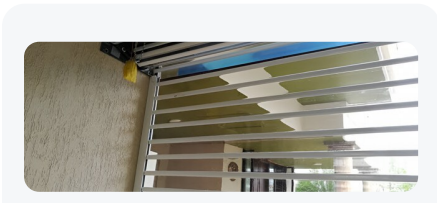
Aluminium Sleeve
Full-length connector for roll-type curtains.



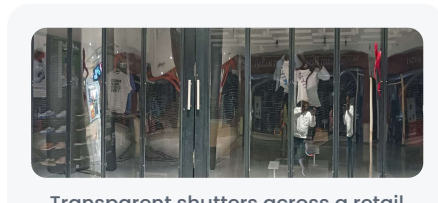
Side Guide Rail
80 × 34 mm aluminium guide, white matt.



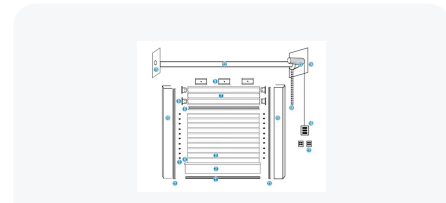
Bottom Profile
100 × 23 × 1.5 mm aluminium bottom rail.



Full-length shutter — mall storefront



Transparent shutters across a retail frontage



Typical installation layout

Why Choose a Transparent Shutter

Sell While You're Closed

Window displays stay visible around the clock — your storefront keeps working after business hours.

250× Stronger Than Glass

Polycarbonate resists impact far beyond glass while weighing a fraction as much.

Light, Bright Interiors

Natural light passes through even when closed — ideal for malls, atriums and partitions.

Weather & Dust Barrier

Keeps rain, dust and insects out while maintaining clear sightlines and airflow control.

Smooth, Silent Rolling

Lightweight curtain reduces motor load — quieter operation and longer motor life.

Custom-Made to Opening

Every shutter is fabricated to your exact width and height, in your choice of system.

Automation & Accessories

Every SIE transparent shutter is supplied motor-ready and pairs with our rolling shutter and tubular motor range, with the full set of safety and access-control options.

■ Tubular Motor

■ Side Motor

■ Remote Control

■ Key Selector

■ Photocell / Reflector

■ Manual Override

■ Push Button Station

■ Mobile App Control

Installed Across India



Retail arcade — full length system



Showroom frontage — clear visibility retained



Standard type with SS pipe reinforcement

Get a measured quotation:
info@smartie.in

+91 80808 07220 · +91 76663 07880

Share your opening width & height — we quote the right system

Note: Transparent shutters are display and weather-protection systems. For high-security or high-wind exterior openings, choose the Rib Type system or combine with a conventional rolling shutter.



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Specifications are indicative and subject to change without notice as part of continuous product improvement. Refer the SIE Shutter Profiles & Transparent Shutter Price List for current rates.