



External Venetian Blinds on the port authority building in tropical environment.

## Slat positions and angles

The system is lowered in the vertical (closed) position (0°) and raised in the horizontal (open) position (90°).

Slats can be tilted at various angles from 0° - 90°. Horiso® N slat system can tilt up to 165° and raises in a closed position (165°).

Slats change position and angles to control solar glare, heat gain and to allow natural light to infiltrate the interiors. At other times, the louvers remain open in the horizontal position to allow some heat gain and change angles to reduce the effects of solar glare at different times of the day.

The convex side of the slat faces the sun in order to efficiently reflect the solar rays and ensure maximum reduction of solar heat gain and glare. The convex side of the slat deflects solar rays and distributes light further into the room, maintaining comfortable conditions.

At preset wind speeds the slats can tilt to a horizontal position ready for retraction. This allows the stronger air flow to pass between the slats onto the glazed area, reducing the impact of the wind on the system.

