

ADA COMPLIANCE

Arcadia™ and NeoRoll™ Roller Shade Systems — Shades by Matiss

Shades by Matiss Arcadia™ and NeoRoll™ roller shade systems are available in configurations that support accessibility requirements defined by the Americans with Disabilities Act (ADA). Both motorized and manual clutch-operated systems can be manufactured to meet ADA operability guidelines when the appropriate hardware configuration is specified for the project.

Motorized Roller Shades

Motorized roller shades provide one of the most accessible window covering solutions for occupants with limited mobility. Arcadia™ and NeoRoll™ motorized systems can be operated through wall switches, remote controls, building automation systems, timers, sensors, or voice-enabled control platforms. These control methods allow the shades to be operated without tight grasping, pinching, or twisting of the wrist.

Manual Clutch Roller Shades

Arcadia™ and NeoRoll™ manual shades can also support ADA accessibility when equipped with upgraded clutch mechanisms and optimized chain-drive hardware. Shades by Matiss specifies geared or spring-assisted clutch systems together with low-friction bead chain controls that allow shades to operate with less than 5 pounds of pull force. This enables operation using a loose grasp rather than tight pinching or twisting of the chain control.

ADA Operability Requirements

ADA Requirement	Applicable Guidance for Shade Controls
Operable Parts	Controls must be operable with one hand and must not require tight grasping, pinching, or twisting of the wrist.
Maximum Operating Force	Operable parts shall require no more than 5 lbf (22.2 N) of force to activate.
Reach Range (Forward Approach)	Controls should typically be located no higher than 48 inches above finished floor.
Reach Range (Side Approach)	Controls may be located up to 54 inches above finished floor.

ADA compliance for window coverings depends on the specific shade size, fabric weight, hardware configuration, and installation conditions. For projects requiring ADA accessibility, Shades by Matiss will specify appropriate clutch systems or motorized configurations and coordinate control placement to align with ADA reach range guidelines.

Shades by Matiss

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