

# CORNELL

New Solutions Since 1828



Our design resources and manufacturing expertise allows us to meet even the most unique opportunities. Every door is custom built to meet your application's needs. Our extensive design experience and ISO 9002 certification ensures that you will receive the quality tambour door your project demands.

Slats are available in either 22 gauge roll formed galvanized steel with primed gray finish, 22 gauge stainless steel with a #4 finish, or a 16 gauge extruded slat with a clear anodized aluminum finish. Curved guide sections are available in either stainless steel or aluminum bent at 90° or 135° over a 3" or 6" inside radius. Manual push-up operation is standard with a counter balance system available.



Standard endlocks are composed of high strength, molded nylon. Standard bottom bar is a clear anodized extruded aluminum tubular bottom bar with vinyl astragal. Additional options include latching by master-keyable cylinder lock, powder coat, and additional finishes.

## Metal TAMBOUR DOORS from Cornell Solutions

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### Standard and Optional Design Features:

#### Curtain:

**Standard** - Interlocking 1 ½" flat-faced slats in 0.050 thick extruded aluminum with clear anodized finish.

**Optional** - 22-ga roll formed galvanized steel with gray primed finish.  
22-ga roll formed stainless steel, with #4 finish.  
18-ga roll formed aluminum with clear anodized finish.

#### Endlock:

**Standard** - High strength, molded nylon.

#### Locking:

**Standard** - Cabinet cam lock located on fascia side of slats.

**OR**

Removable core high security cam lock located on fascia side of slats.

#### Guides:

**Standard** - Aluminum guide profiles with a clear anodized finish.

**OR**

Machined one-piece Aluminum guides with a clear anodized finish.

**OR**

Formed 16-ga, type 304 stainless steel with a #4 finish.

Ends of guide fitted with Nylatron wear strips to conceal sharp edges and allow curtain to slide smoothly in the track.

#### Curved Guide Sections:

**Standard** - Aluminum guides with a clear anodized finish bent at 90° and 135° over a 6" radius.

**OR**

Machined one-piece Aluminum guides with a clear anodized finish bent at 90° and at 135° over a 3" or 6" inside radius.

**OR**

Formed 16-ga, Type 304 stainless steel with a #4 finish bent at 90° and at 135° over a 3" or 6" inside radius. See diagram B1 & B2 for curved track details.

Note: Optional, custom curved tracks are available but quotation may reflect added set-up costs, order quantities and longer lead times.

#### Operation:

**Standard** - Manual push-up

**Standard** - Counter Balance System (if required):

Helical torsion spring counter balance system designed to balance the curtain weight so that door can be manually operated with a minimal amount of force.

#### Brackets:

**Standard** - Steel end plates are supplied to support the counterbalance torsion spring system.

**Optional** - 12-ga Type 304 stainless steel

Finishes: Optional Powder Coating and Additional Finishes