



Hand Chain Roller Shutters

Technical Specifications

Roller Curtain

The shutter curtain is constructed from cold rolled galvanised concave steel laths, (76mm), of suitable gauge to suit the application. Each lath is retained by a nylon, pressed steel or malleable iron end lock fixed with galvanised steel rivets. Cast Iron wind locks are fitted to help prevent the curtain being forced out of the guide during high winds, as and when required.

Bottom Rail

A rigid inverted T section bottom rail, formed from either a cold rolled galvanised section, or mild steel angles, bolted back to back, depending on the width of the shutter. Specially designed tapered bottom rails can be supplied to suit sloping floors at additional cost.

Roller Barrel

Constructed from mild steel tube of suitable outside diameter and wall thickness to suit the shutter application. The barrel encases helical springs, which are securely fitted inside the barrel, and are supported by purpose made cast iron or sg. iron castings. The springs counter-balance the shutter.

Operation

Via continuous galvanised steel hauling chain connected to a suitable reduction chain or gear reduction system.

Door Locking

A pressed steel locking box is fitted to the side guide to secure the hand chain when the door is not in use, and is designed to accept the clients own security padlock. Additional locking solutions are available at additional cost.

Finish

Side guides, support angles and door curtains come galvanised as standard. Powder Coated and Plastisol finish are available at additional cost.

Coil Casing (Hoods) and Fascias

Coil casings or fascias can be supplied at additional cost and are supplied galvanised as standard unless specified otherwise.

Perforated Laths

Perforated Laths can be supplied at additional cost and are supplied galvanised as standard unless specified otherwise.

Weight

Approximately 35kg per M²

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