

Steel curtain: The metallic curtain is made of insulated steel blades in galvanized steel Z 275 of 18-gauge (1.31mm) embedded into each other. The height of every blade is 3". The extremities stoppers on each alternative blade are made of malleable cast iron and allows engagement and locking of the curtain in its place in the guide rails. The bottom bar is an extruded aluminium profile and comprises a U-shaped Santoprene weather-stripping rated for extreme cold. Finally, the bottom blade is made of two angles 38mm x 38mm x 3mm at minimum.

Insulation: The core of the blades is insulated with Roxul rock wool of thickness 19mm.

Guiding rails: The guiding rails comprise of steel angles of appropriate thickness making a deep enough slot to maintain the curtain into the rails. The support plates are made of steel of appropriate thickness for the door, with a primary coat finish in black.

Balancing mechanism: The balancing mechanism comprises of helicoidal springs rated for a minimum of 15,000 cycles, mounted on specially built anchors and also supported by a solid shaft made of cold-laminated steel with the whole enclosed in a steel barrels. All springs are fixed to the same tensing shaft and maintained in place by the same tension regulator that is easily accessible and replaceable.

Hood: The barrel is secured in a galvanised steel sheet metal hood ASTM A-653 of thickness 24-gauge. It adjusts to the intermediate support bars.

Finish: The standard finish for the blades and the hood is galvanised steel with a grey primer coating whereas the guides are painted black.

Finish option: The blades can be painted in any powder color standardised in the charts.

Maneuver type: The doors are equipped with a laterally mounted electric operator, model OSH. The electric motor, Control and three buttons units, relays and all other electric hardware are agreement ACNOR under box EEMAX, class 1. The motor is designed for continuous usage and to operate the door with good power and ease with voltage inputs varying for 110, 220, 440 or 600V, at 60 or 50Hz. The electric operator also comprises a manual disconnect arm that allows for the operation of the door manually in the event of a power outage.

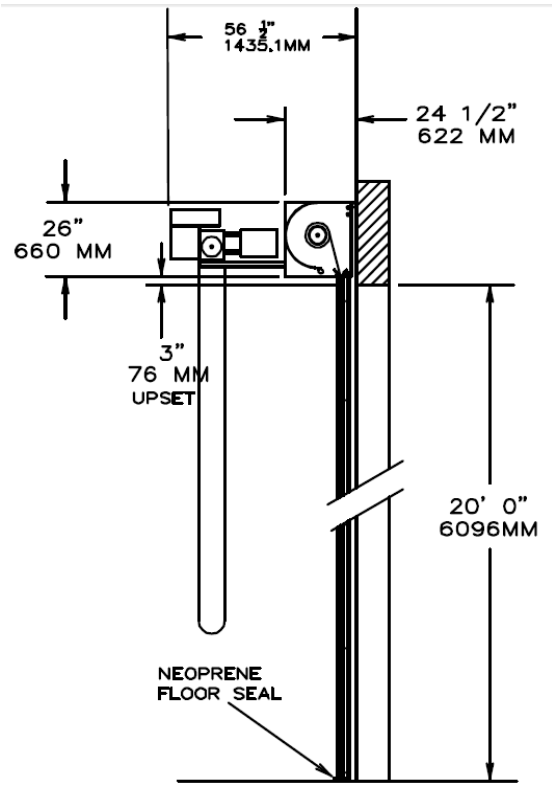
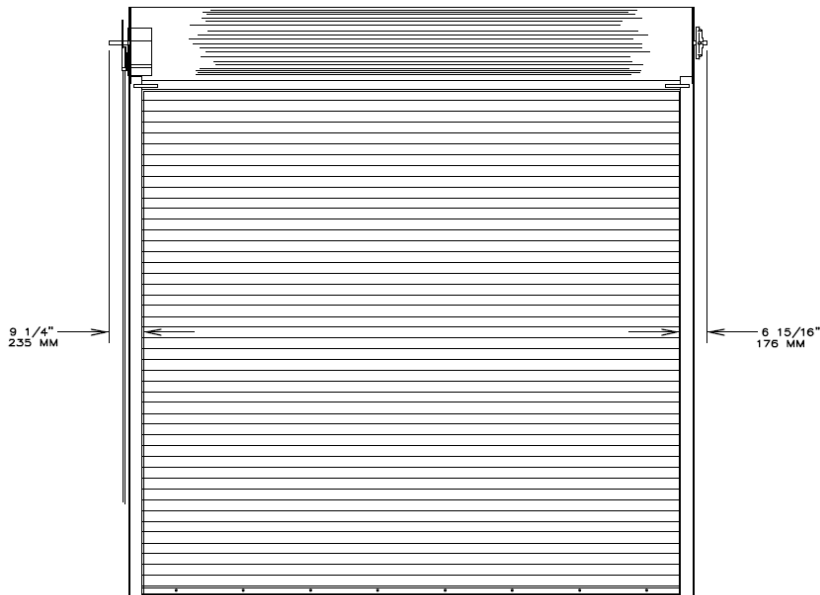
Control unit: The system is built with a wall-mounted control unit that has three push-buttons. The control unit, EEMAC 1, is easily accessible from the floor. It displays buttons for "Open", "Close" and "Stop" The normal voltage for the control circuit is 24V DC.

A separate control unit mounted on a steel box is also available optionally with the order.

AGDS and Security Systems : The innovative AGDS safety border system allow for electrical contact of pneumatic origin by the means of a pneumatic switch that is at the base of the bottom section and allows, at the presence of an obstacle, the stopping and re-opening of the door. The à détection efficace par contact électrique de type pneumatique posée à la base de la section du bas qui permet, en présence d'un obstacle, l'arrêt et la remontée de la porte. A reel on top of the door supplies current down to the security border. Another security system consists of the control of the door by a photoelectric detector. It comprises of an independent electric circuit linked to an infrared laser that holds the door at an open position or inverts the closing of the door upon detection of an object going through.

Warranty: The duration of the warranty is twelve (12) months after installation by our personnel and covers all our supplied material.





ROXUL ROCK WOOL
FOR INSULATION

