

The MDS Industries Industrial Roller Shutter Door is designed, manufactured, installed and serviced by our own teams of engineers in operating conditions as diverse and tough as St Helena in the South Atlantic to Kandahar in Afghanistan.

Standards: Manufactured to BS/EN13241-1:2003 Industrial Commercial & Garage Doors & Gates—Product Standard; BS/EN12978:2003; BS/EN12604:2000; BS/EN12453:2001 and BS/EN12444:2001.

Curtain: The curtain material is generally constructed from individual inter-locking pre-galvanized steel lath (generally 75mm concave) incorporating either a plastic endlock or a zinc alloy die cast endlock riveted in position. The curtain can be supplied with solid, perforated or punched "brick bond" lath.



Bottom Rail: A pre-galvanized T bar is provided to connect onto the base of the curtain material.

Barrels: Constructed from mild steel tube with inner blocks, helical springs to BS970EN 498 in the case of a chain operated or assisted shutter. The sizes and types of spring are designed to accommodate the appropriate curtain weight. Where additional gearing is provided for operation this may consist of either spur gearing or chain drive.

Bracket: These are fabricated from mild steel plate fitted with mounting angles for securing to the opening structure. Where gearing is applicable spur gearing or chain drive will again be used, dependent upon the size of door. Normal operation through the gearing would be by means of an endless hand chain operated at floor level.

Side Guides: Formed in roller steel channel, wind anchor type, complete with suitable mounting angle where necessary. The depth and type of guide will be subject to the door size and location. Door guides are finished primed.

Top Brush Seal: Fixed if specified off the client's soffit to close the gap between the curtain face and the building line and consists of a heavy duty brush in an aluminum carrier.

Roller Enclosure (Hood): Formed from galvanized pressed sheet metal to enclose the rear of the shutter barrel and curtain assembly. Available as an optional extra.

Power operation: An electric motor unit of suitable rating mounted at high level to the gear end of the bracket, the motor being complete with controlling limits, brake unit and emergency hand chain facility. A standard starter unit would also be provided with raise, lower and emergency stop buttons. All electrical equipment would be to suit 380/415 volt 3 phase 50-cycles supply. The motor life expectancy is 100,000 cycles.

Casings/Hood: As an optional extra a pre-galvanized steel casing/soffit/fascia can be provided to the coil at the head of the opening. We would recommend casing where a door is fixed to the exterior face of the opening, likewise motor covers where electrical equipment is fixed outside and subject to the weather.

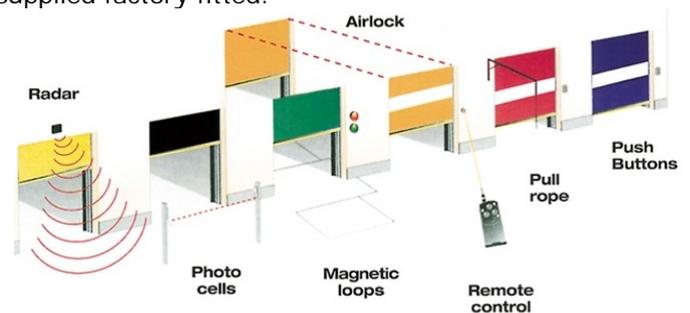
Plasticol Finishes: As an optional extra shutter curtains can be provided in the HP200 standard range of plasticol colours, plasticol finishes being to the external face of the shutter only. Standard colours include White, Black, Van Dyke Brown, Merlin Grey, Goose Wing Grey, Mushroom and Red.



Powder Coated Finishes: As an optional extra powder coated finishes can be provided to the shutter in standard RAL or BS standard colours as well as non-standard colours if samples are provided for us to analyse.



Activation Options: As our standard offering opening activation on electric shutters is "dead man down" operation, i.e. the operative needs to keep their finger on the button to lower the door. Various automated activation options are available, such as radar, remote control and floor laid vehicle detection loops. Each require the addition of safety beams and a safety bottom bar that can be supplied factory fitted.



Warranty: We warranty all parts free from manufacturer's defects for a period of twelve months from the commissioning date. The warranty also covers call out charges and fitting charges for replacement parts supplied under the warranty. The warranty does not cover repairs due to accidental damage or misuse, fair wear and tear or any loss of use while replacement parts are being supplied or fitted.

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"Engineering is our expertise, doors are our daily obsession."