

Insulated Lath Roller Shutter Construction

Top barrel lath

The galvanised steel pre-punched top barrel lath section is specifically designed to connect twin interlocked insulated skins to a 127mm (5") barrel and is protected by design right. The top barrel lath significantly reduces curtain wrap size.



Roller barrel assembly

Constructed from mild steel tube of a suitable outside diameter and wall thickness to suit the shutter application. As standard, the barrel is unsprung and works on a direct drive system through the motor dependant on door size.



End plates

Mild steel plates of varying thickness to support the roller barrel assembly. The plates are supplied with a slotted section to enable ease of installation of the barrel assembly and are pre-drilled to accept fitting of the motor bearing bracket.



Guide channel

The door is supplied with the wind lock "style" insulated guides complete with 100mm x 50mm x 5mm continuous pre galvanised angles. The guides are supplied complete with a unique self-locking feature that connects a plastic double brush strip carrier to the guide complete with brush strip seals to significantly reduce the noise of operation and increase the insulation value.



Curtain

Each section is a uniquely dimensioned twin skinned interlocking lath section incorporating a triple ribbed face providing increased rigidity. Each twin skinned lath section is retained with a nylon endlock to prevent lateral movement.



Bottom seal

A galvanised steel bottom seal carrier is fitted to the bottom section of lath complete with a specifically designed bottom rubber seal to ensure that the door is effectively sealed once in position.



Motor

The directly driven motor assembly is designed specifically to slide onto the key-wayed shaft fitted into the barrel assembly to enable ease of fixing to the roller shutter door end plates and to ensure that the motor is fitted "square" to enable correct operation of the direct drive system.

