

# THERMALATH STAR III Insulated Roller Shutter Door

## **SPECIFICATION:-**

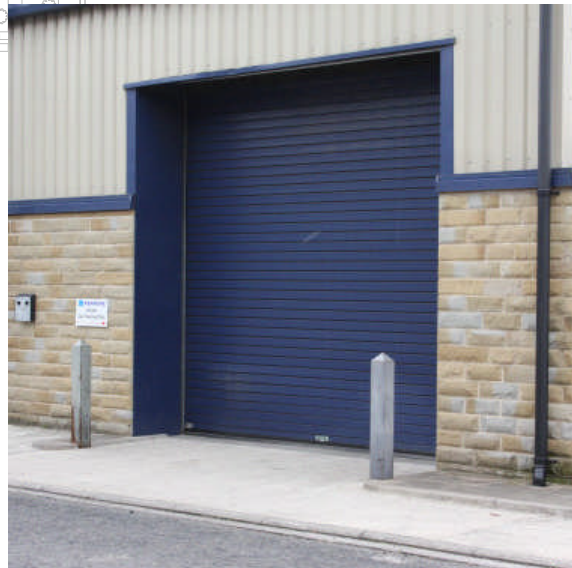
The shutter curtain is constructed from suitable interlocking twin skin galvanised steel laths, in-filled with polystyrene and running in galvanised steel side channels, mounted on mild steel support angles which are bolted to the structure.

The shutter curtain is supported from a suitable steel tube barrel assembly at high level, running on steel bearings. The barrel assembly is supported between mild steel endplates.

A rubber seal is provided to the bottom edge of door and a nylon brush seal to the door head (please note that the brush seal will not provide a complete seal at the door head).



**Above:-** Insulated Roller Shutter complete with pass door.



A pad lockable chain keep is fitted to the drive side of the door for safe keeping/locking of the emergency haul chain. All mild steel components are finished in one coat primer.

## **OPERATION: -**

Electrical operation is by means of high quality three-phase SAFE DRIVE motor and gearbox with digital limits. The SAFE DRIVE operator prevents the uncontrolled dropping of the shutter curtain.

All control panels are low voltage and have open, close and emergency stop buttons as standard along with self diagnostics and service reminder.

Emergency manual over ride is provided as standard to allow operation of the door in case of power failure.

**BS 13241 compliant & CE Marked**

**ADVANCED DOORS LTD**  
PARK MILL WAY, CLAYTON WEST,  
HUDDERSFIELD, WEST YORKSHIRE, HD8 9XJ.

TEL: (01484) 861112 FAX: (01484) 866700  
[www.advanceddoors.co.uk](http://www.advanceddoors.co.uk)



**ADVANCED DOORS LTD**  
14 BEITH DRIVE  
AIRDRIE, ML6 9XN.

TEL: (01236) 766229 FAX: (01236) 763876  
[www.advanceddoors.co.uk](http://www.advanceddoors.co.uk)

# THERMALATH STAR III Insulated Roller Shutter Door



## **APPLICATION:-**

The Safedrive is a specially developed drive unit for powering rolling shutter doors which are not counter-balanced by springs or other devices. All models in the range use a high precision worm gearbox to ensure smooth operation and a long life. Each gearbox incorporates a separate safety brake meeting the anti-fallback requirements for vertically lifting doors, a limit switch mechanism for precise control of the stopping position and is provided with plug in pre-wired control systems.

- Models from 170Nm to 1400Nm
- High Precision worm drive gear box
- Range of output speeds and torques
- Horizontal or vertical mounting
- Safety brake incorporated
- Low level hand chain operation as standard
- Plug-connected control equipment
- Certified to BS EN 12453



## **RELIABILITY:-**

Drives are designed, for a typical door size to have a life of more than 20,000 cycles and for use up to 6 times per hour but this figure can be raised significantly for high usage applications by appropriate rating of drives.