

# IRSP

## FIREFLEX

**THE PROTECTIVE SOLUTION**

### FIREFLEX-S FIRE ROLLER SHUTTER - DATA SHEET

TEST: BRE Test report number 220737

ASSESSMENT: Assessment report number CC 224355

INTEGRITY: 240 minutes

#### SHUTTER CURTAIN

Manufactured from pre-galvanized material, 75mm curved lath. The curtain, when assembled is held in position with purposely-designed end fittings, which act as a curtain alignment system. The bottom panel of the shutter is terminated with a galvanized steel angle with horizontal and vertical slots.

#### BARREL

Manufactured from seamless mild steel tube to BS4760 Grade 50C. Maximum barrel deflection measured at 1:400, fitted with precision-machined BDMS axles to BS970 EN33 with end fitted plate wheel.

#### MAIN SUPPORT BRACKETS

Main support plates for the barrel and motor unit manufactured from mild steel. Support plates to BS 4360/43A with perimeter welded angles and structure support angles.

#### VERTICAL SIDE GUIDES

Formed from pre-galvanized material having a minimum thickness of 2.5mm. The door guide is designed to allow reduced working face and tapered inner faces to provide automatic interlock/retaining feature.

#### OPERATION

The door is arranged for an electric motor unit with fusible link or solenoid release unit complete with built on starter, or direct drive maintained power.

## Technical information

### Certification

**CE Mark** (Declaration of conformity)

**Type Approval** (Chiltern Dynamics - UKAS approved test laboratory)

**Testing Laboratory** (BRE Testing - UKAS approved test laboratory)

**Compliant** with Part 1 BS EN 13241-1: 2003

**Mechanical Aspects** EN12604, Safety in use of power operated doors.

**Side guide protection** EN 12604: 2000 4.5.1 and EN 12453: 2000 5.1.1.3

**Protection** Against crushing, shearing or drawing in

**Electrical Safety** Depending on the use

**Water Tightness** EN 12489

**Resistance to Wind Load** EN 12444

**Fire Resistance test** B.S.476 : Part 22 : 1987

**Integrity** 241 minutes (4 hours)

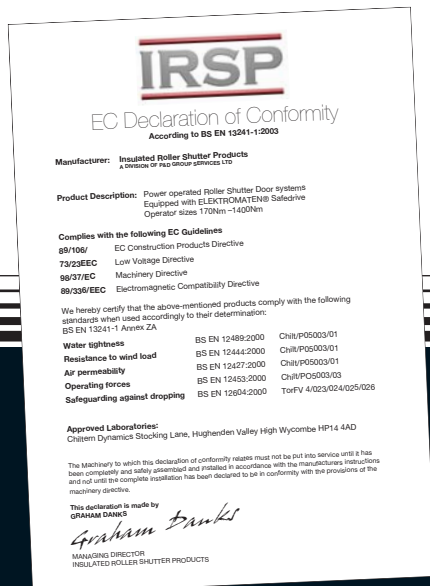
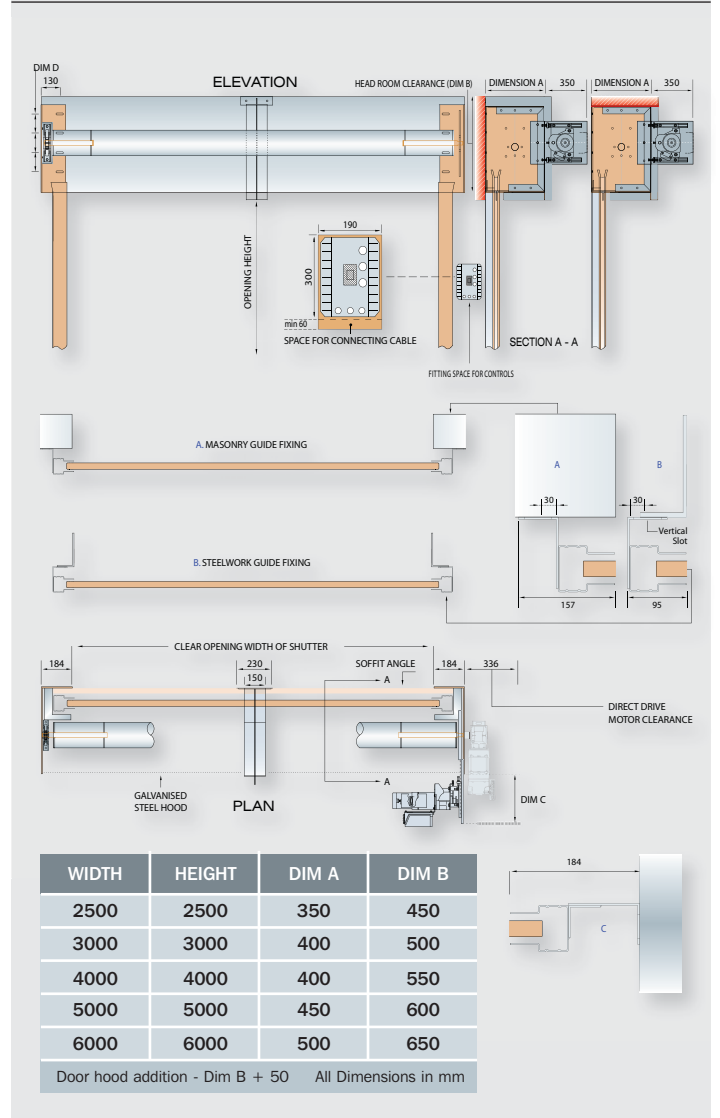
**Air permeability** EN 12427

**Gravity and self-closing** EN 12453 - 5.1.1.5

**Anti fall back device** EN 12453 - 5.1.1.5

**Installation Instructions** EN 12635: 2002 4.1.1.1

**Durability of Mechanical Performance** EN 12635: 2002 4.1.1.1



Manufactured by

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