



INTERNATIONAL FIRE CONSULTANTS LIMITED

THIS IS TO CERTIFY THE ASSESSED FIRE PERFORMANCE
of the
FIRELOCK STEEL SECURITY DOORSETS RANGE
Produced by
Sunray Engineering Ltd

For up to 240 minutes when manufactured and installed in various masonry constructions all installed fully in accordance with International Fire Consultants Ltd Field of Application Report **IFCA/06245 Revision B**.

The assessment report has been undertaken based upon evidence contained within the fire resistance test reports **J88625/1, TE 82210 and TE 82346**.

Doorsets are available in the following configurations;

Latched single acting single leaf doorset	(LSASD)
Latched single acting single leaf doorset with transomed overpanel	(LSASD.OP)
Latched single acting double leaf doorset with a central mullion (second leaf bolted)	(LSADD.CM)
Latched single acting double leaf doorset with a central mullion (second leaf bolted) and with transomed overpanel	(LSADD.CM.OP)

The maximum approved leaf sizes will vary for each fire resistance rating, as follows;

Doorset Configuration	Maximum leaf height	Maximum leaf width
LSASD	2439mm	1049mm
LSASD.OP	2403mm	1033mm
LSADD.CM	2261mm	948mm
LSADD.CM.OP	2196mm	920mm

Doors consist of steel plate hung on rising butt hinges with a central locking mechanism connected to a rod providing restraint. Doors can be fitted with panic bolts. In double leaf assemblies the second leaf is bolted to a steel central mullion. Steel channel is also used as the transom. Doorsets must be constructed in accordance with Field of Application Report **IFCA/06245 Revision B**.

In the opinion of International Fire Consultants Ltd, providing the requirements and limitations of Field of Application Report IFCA/06245 Revision B are complied with, a Firelock Steel Security doorset produced by Sunray Engineering Ltd would satisfy the integrity criteria for a period of up to 240 minutes, if tested to the BS 476: Part 22: 1987 standard.

This certificate does not constitute an assessment. It is the responsibility of anyone using this certificate to confirm that all aspects of doorsets comply with the requirements of the full Field of Application Report. The report is due for review and re-validation in February 2019.

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Sunray Engineering Ltd confirm that the Firelock Steel Security doorsets supplied are constructed strictly in accordance with the requirements and limitations outlined in Field of Application Report IFCA/06245 Revision B.

Brian Cook
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