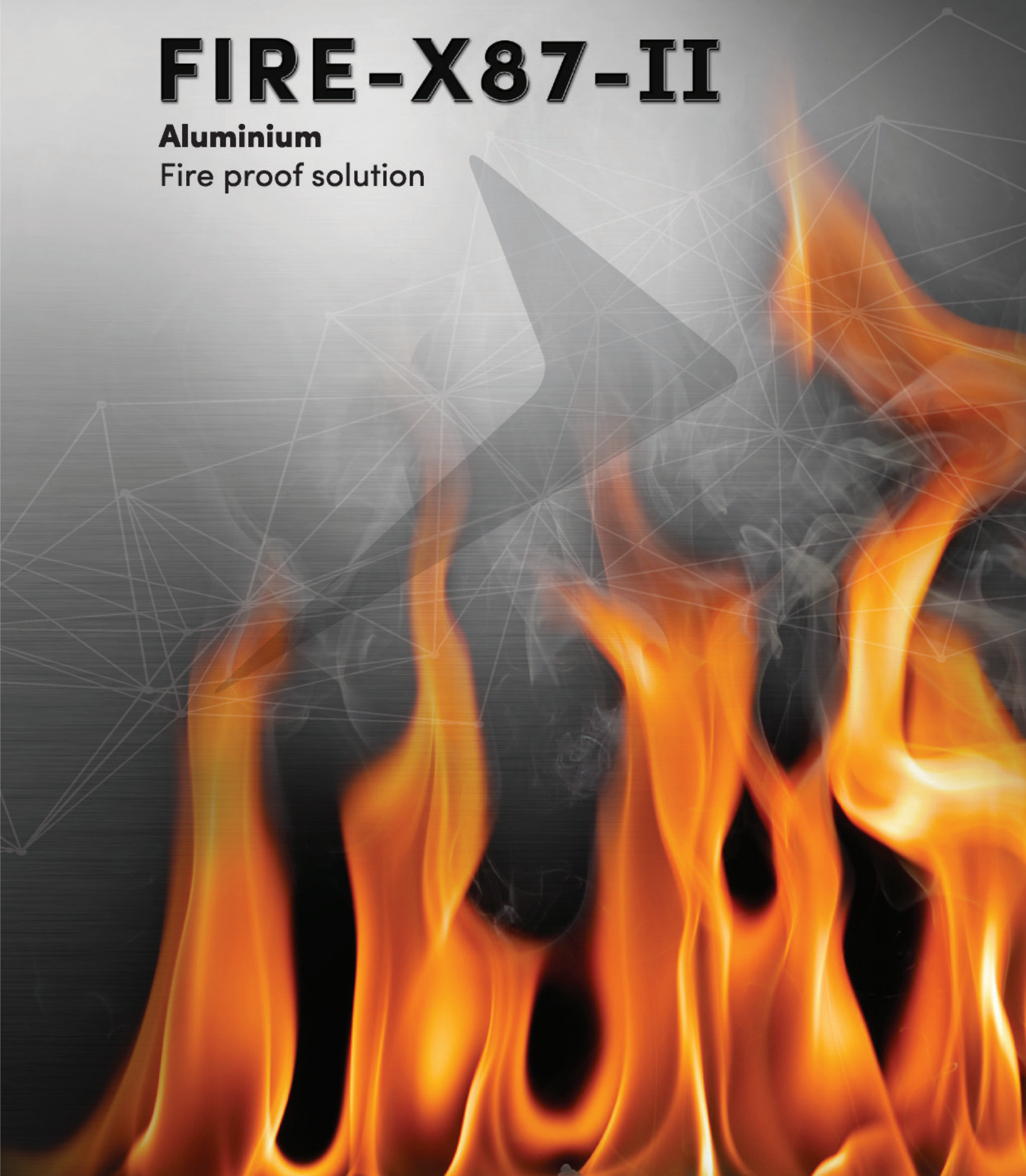


FIRE-X87-II

Aluminium
Fire proof solution



FIRE-X87

About the system:

Fire-X87 is a unique fire rated hinged aluminium system featuring a frame width of 87 mm. It is designed to resist fire for more than 90 minutes. The special design of Fire-X87 includes fire rated accessories, fittings and custom design patented insulations. Certified fire rated glass panels are used to ensure the ultimate performance of this unique system.

The Fire-X87 is tested according to European standards accepted by civil authorities worldwide. The profiles of Fire-X87 are supplied exclusively in anodized finishes available with Gulf Extrusions anodized color charts.

FIRE-X87 for windows & door application



Configuration:

Certified fire rated glass of 90 minutes. The glass panel is maintained by two special EPDM gaskets and held by custom designed brackets.

Test:

The Fire-X87 was tested on July 1, 2014 at Thomas Bell Wright – an authorized fire test facility under Dubai Civil Defense. The door set has been evaluated in accordance with EN 1363-1:2012, EN 1363-2:1999 and EN 1634-1:2012. The requirements of the standard were satisfied for sustained flaming of 90 minutes.

Frame:

Tubular multi-chamber with a width of 87 mm

Sash:

Tubular multi-chamber with a width of 87 mm along with several hinged door applications (single leaf, double leaf, etc.)

Assembly:

Both frame and sash are cut 45°



90 MINS FIRE PROOF RESISTANCE



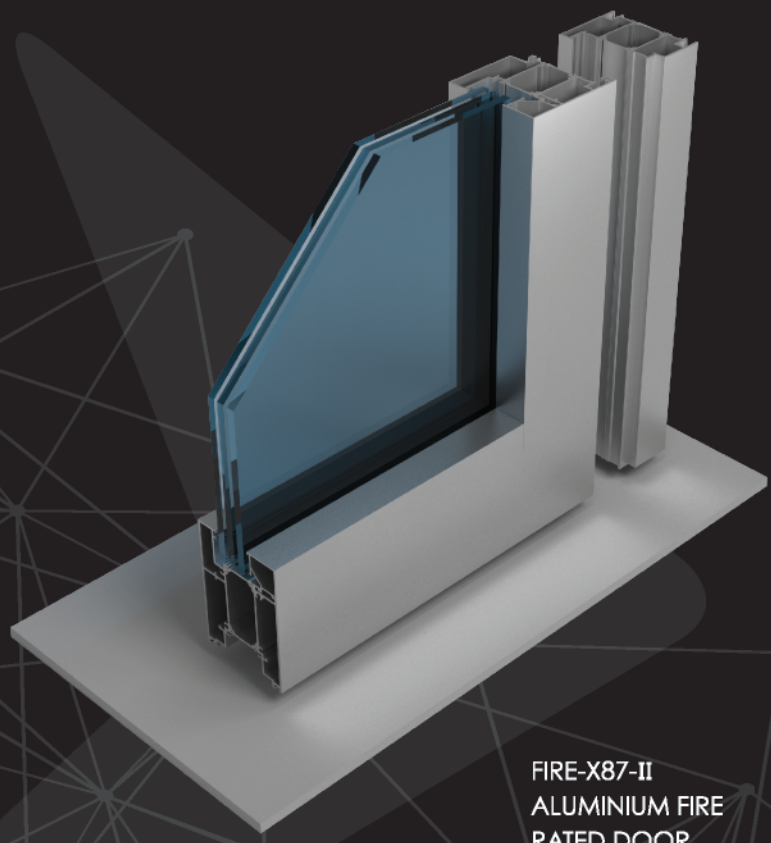
FULLY FABRICATED KIT



ALUMINIUM MATERIAL



FIRE-X87
ALUMINIUM FIRE
RATED DOOR



FIRE-X87-II
ALUMINIUM FIRE
RATED DOOR

FIRE-X87-II

FIRE-X87-II

Fire rated system drop-down seal for smoke-shielding and fire-retardant doors, release on hinge side in case of an inclined floor, parallel drop-down, seal height up to 16 mm. Flush or deeper to put in groove with lip protection. Self-extinguishing silicon lip and lateral fastening.

Frame:

The bottom frame without Threshold in 90° cut.

Sash:

Tubular multi-chamber with a width of 87 mm along with several hinged door applications (single leaf, double leaf, etc.)

Assembly:

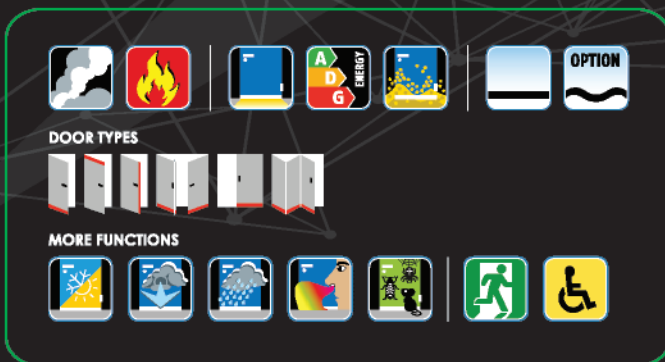
Bottom Frame cut in 90°, top & side in cut 45°

Configuration:

Certified fire rated glass of 90 minutes. The glass panel is maintained by two special EPDM gaskets and held by custom designed brackets.

Main Features:

- Seal Height up to 16 mm
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- For double leaf folding doors with flush bolt or driving bar
- High grade silicon lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicon at both ends





Ambient Temperature



820°C



980°C



1000°C



