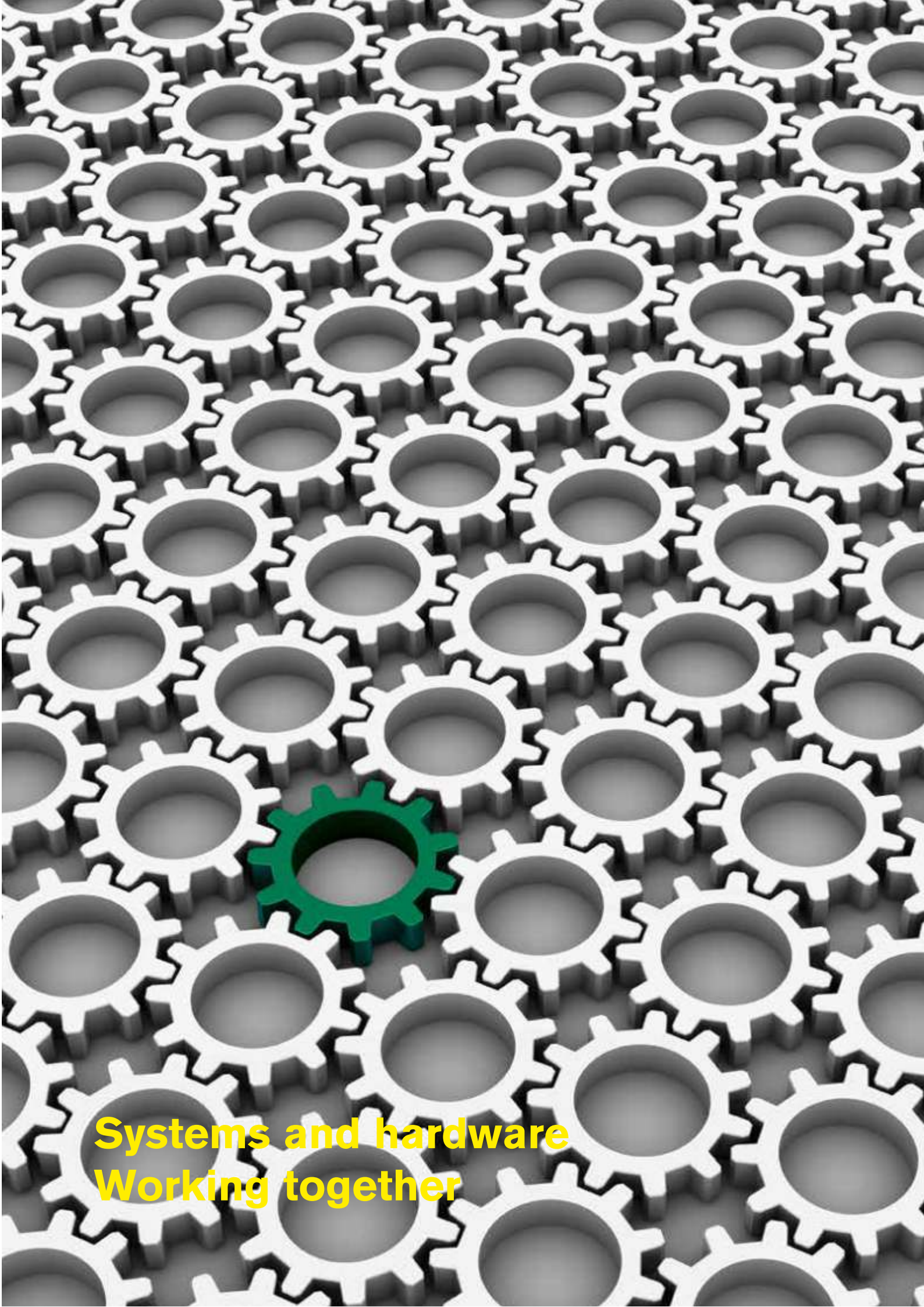


# **sapa:** Stormframe STII

Commercial Door





**Systems and hardware  
Working together**

# Stormframe STII

System and hardware working together to simplify fabrication

Since its launch, the Stormframe STII door has been recognised as an exceptional product in terms of performance and fabrication. Stormframe STII offers the best option for you and your customers, providing an ideal door suitable for a wide range of commercial applications.



## High Traffic Door for Commercial Applications

Hardware options are specifically designed to fit easily within frame and door profiles including:

- Multi-point lock with lever/lever handles
- Electromagnetic locks
- Panic exit devices
- Single point locks
- Electric strikes

Flexible position fixing plate, within the stile, profile securely fixes hardware

Dedicated profile pocket filler maintains a quality finish to door edges

Door stile end mouldings provide improved finish and allow a continuous seal across the bottom of the door

Utilising existing frame profiles reduces tooling investment

Extensive range of functional options including anti finger trap safety stile

Can be suited with Dualframe Si system and Elegance 52 curtain walling

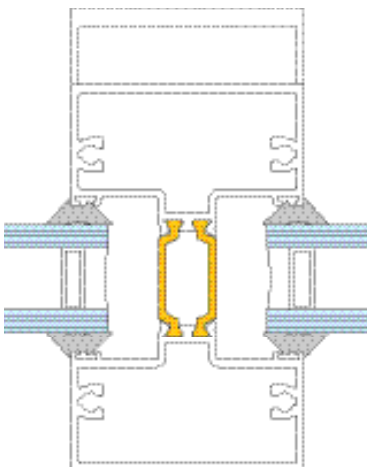
Available with Dual Colour option

Door leaf glazing options up to 46mm

Door size up to 3.0m high

Door weights up to 100Kg for centre pivot, 140Kg for hinged rebated doors

PAS 24 tested Exit Device for Panic Doors via a pull handle with BS EN 1303:2005 locking



## System Framing Solutions

Stormframe STII has its own framing solution, simplifying the creation of side light and other composite framing options.

Specific mullion box profiles to simplify assembly and glazing, increase strength and span larger spaces

Half mullion profiles allow for composite frames to be factory fabricated and coupled together on site

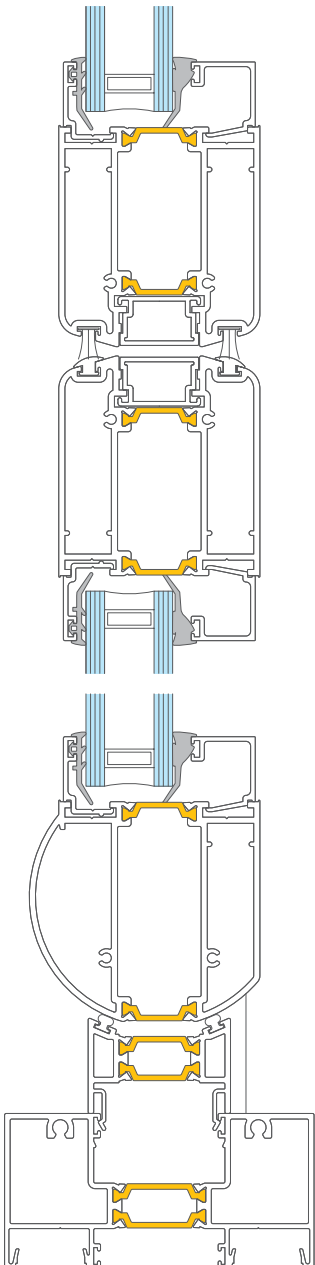
Unique new low threshold profile designed to run the full width of an opening, under both doors and frame for simplified fabrication and installation

Self locating door profile for rebated doors now available finished to match framing

# Stormframe STII

Sapa Building System providing compliant solutions

Stormframe STII single and double doors have successfully completed an extensive testing regime for PAS24 security covering standard locking options, panic devices and electromagnetic locks. Stormframe STII is the ideal choice for any project.



## Tested to the relative clauses within PAS24: 2012

Sapa STII Double Leaf, Pivoted, Glazed Maglock and Mechanical Lock Door

Sapa STII Double Leaf, Pivoted, Glazed Panic Door

Sapa STII Single Leaf, Pivot and Glazed Maglock Door

Sapa STII Single Leaf, Pivoted, Glazed Panic Door

Sapa STII Double Leaf, Pivot Door including Low Threshold and ST Framing System

Sapa STII Single Leaf, Pivot Door including Low Threshold and ST Framing System

All doors tested with options for:

- Pivot anti finger trap stiles
- Low threshold
- Fixed light framing

## 2010 Equality Act Compliant

Available with specialist door closers adjustable for strengths EN1 to EN4 allowing for fine adjustment on site and removing the need to stock multiple closers.

The closer meets all the requirements of document M and BS8300.

Also available with compliant low threshold and pull handle options.



# Stormframe STII

Performance Better than it needs to be!



## Thermal Performance

The Stormframe STII Door offers high levels of thermal insulation achieving a U value of  $1.8\text{W/m}^2\text{k}$  for doors without midrails and  $1.9\text{W/m}^2\text{k}$  for doors with midrails depending on size and glazing specification. This low U value can help building designers to achieve their Target Emissions Rate (TER) by being offset against the allowable U value of  $3.5\text{W/m}^2\text{K}$  for high traffic doors when calculating the Building Emissions Rate (BER).

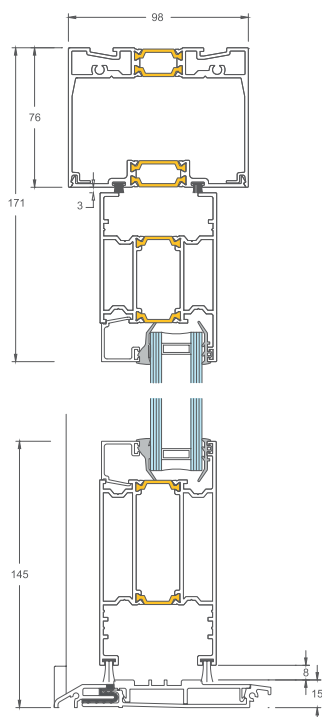
## Weather Performance

Capable of BS6375-1:2015 watertightness levels:

Centre Pivot AFT single door - Class 3A (100 Pa)

Hinged Rebated single door - Class 5A (200Pa)

## Specification\*



### Single Door:

Sash size max: Centre Pivot 1100mm (W) x 3000mm (H) or Rebated 1300mm (W) x 3000mm (H)

Sash size min: Centre Pivot 400mm (W) x 1950mm (H) or Rebated 300mm (W) x 1950mm (H)

Maximum weight: 100Kg for centre pivot, 140Kg for hinged rebated doors

### Double Door:

Sash size max: Centre Pivot 1100mm (W) x 3000mm (H) or Rebated 1300mm (W) x 3000mm (H)

Sash size min: Centre Pivot 400mm (W) x 1950mm (H) or Rebated 300mm (W) x 1950mm (H)

Maximum weight: 100Kg for centre pivot, 140Kg for hinged rebated doors

Door leaves: Glazing beads and gaskets can accommodate insulating glass units and/or panels of 28mm - 46mm nominal thickness

Pocket framing: Pocket Framing - Gaskets can accommodate insulating glass units and/or panels of 32mm nominal thickness

Fixed lights:  $5\text{m}^2$

\* For further information, please refer to product manual



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