Guides

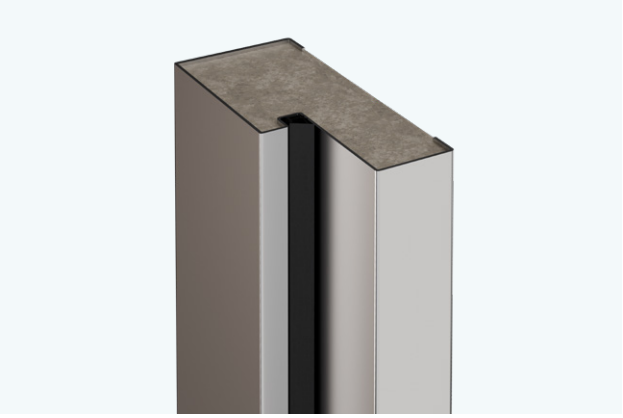
Door Seals

All acoustic and fire-rated doorset require specialty hardware to seal the gaps present in a doorset. This encompasses the around-door gap (with perimeter seals), under-door gap (with bottom / drop seals), and between-door gap in pair doors (with meeting stiles).
Spence Doors supply seals from third-party manufacturers. All seal models mentioned in this document have been tested and certified for fitting with particular configurations of Spence Doors' acoustic and fire doorsets. Spence Doors prepare door leaves for hardware fitting however do not install hardware.

This is a guide to understand and visualise seal options when specifying your doorset. Excluding Drop Seal fitting (Concealed or Face Fixed), the models and types of seals specified are determined by tested certification with each doorset configuration.

The Frame

The seals required of a doorset impact the corresponding door frame. Some perimeter seals require a specialty rebate in the frame for the seal to be fitted inside rather than a simple surface mounting; as such a frame profile featuring this rebate.



The Door Leaf

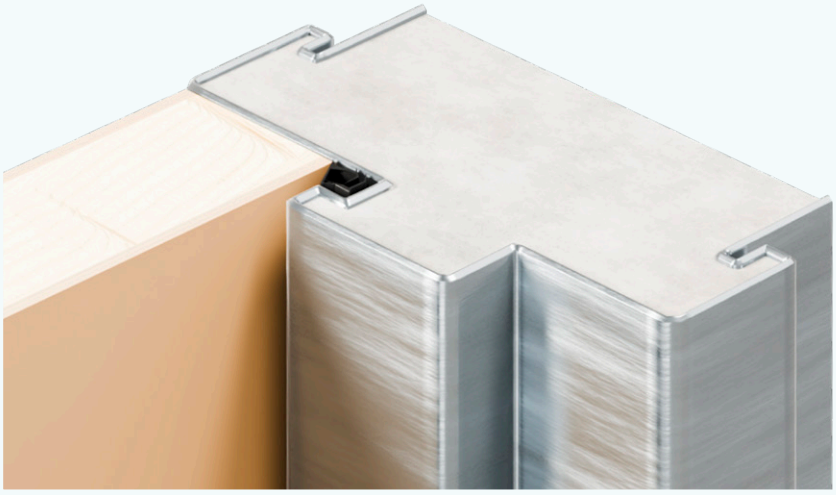
Bottom / Drop Seals may mortised into the door to avoid protruding and/or visible hardware. This requires preparation of the door's underside cutout specific to the dimensions of the corresponding hardware. Spence Doors completes this door leaf preparation during the manufacturing process so that it may be easily installed on-site.



Perimeter Seals

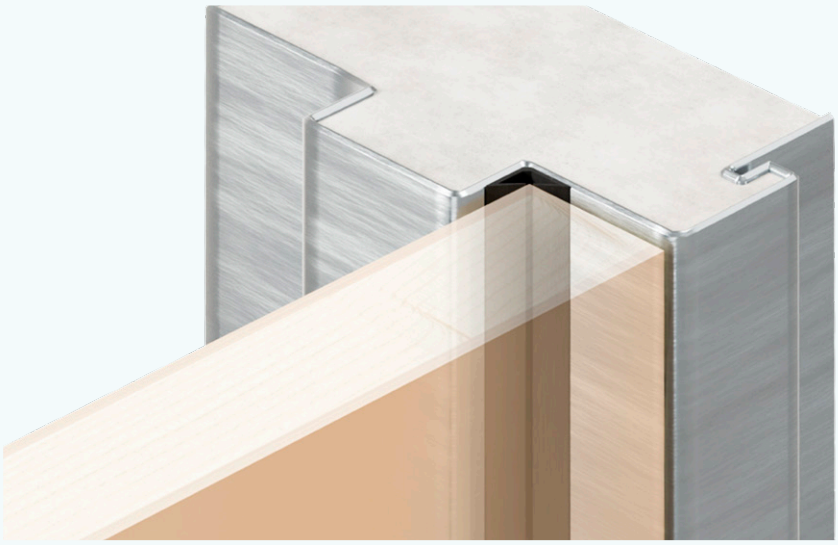
Rebated Seal

ie.
Pyropanel Euroseal®



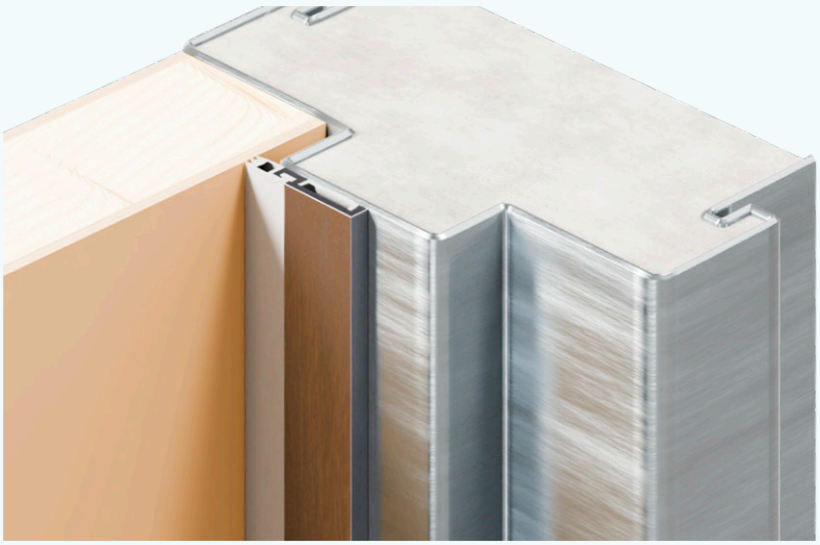
Corner Seal

ie.
Lorient Batwing® LAS1212
Kilargo IS1212



Face Fixed Seal

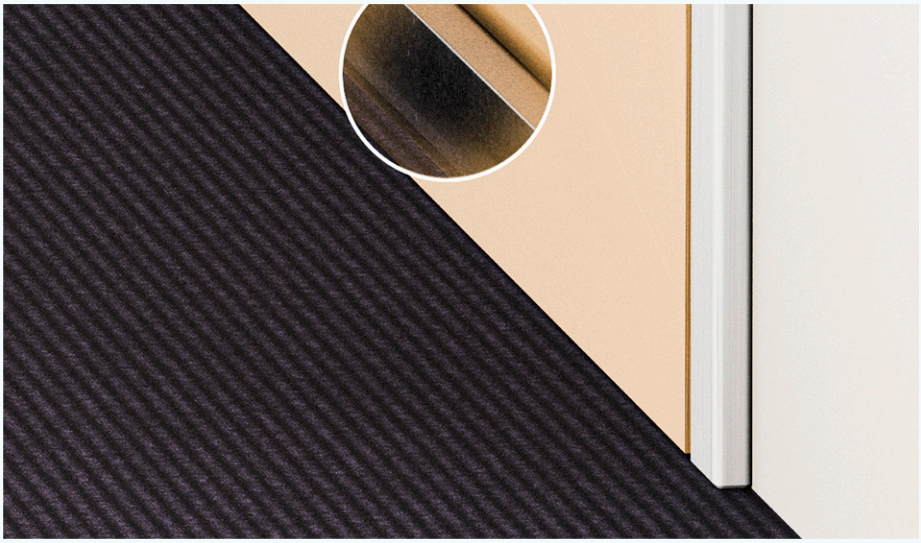
ie.
Lorient LAS7001 si
Kilargo IS7080sI
Kilargo IS7025si



Drop / Bottom Seals

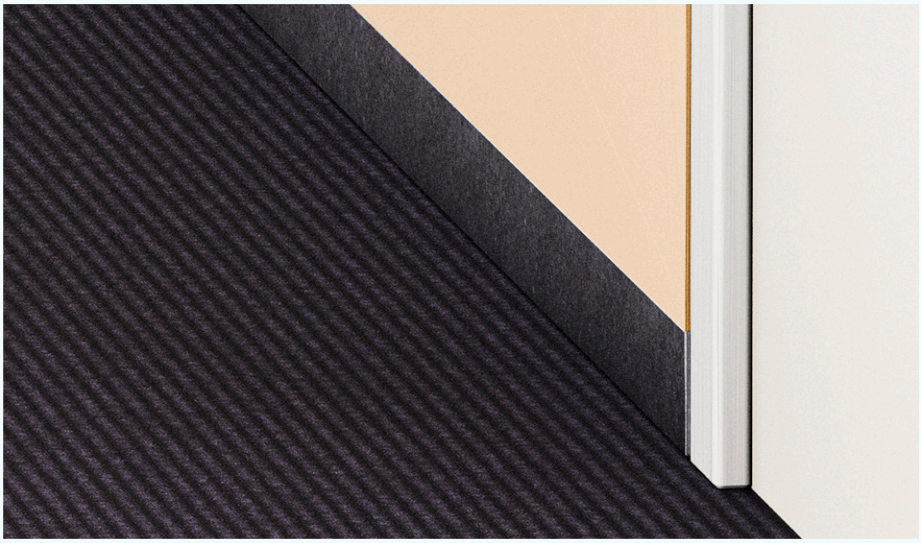
Concealed

ie.
Lorient LAS8001
Pyropanel PY-BSI



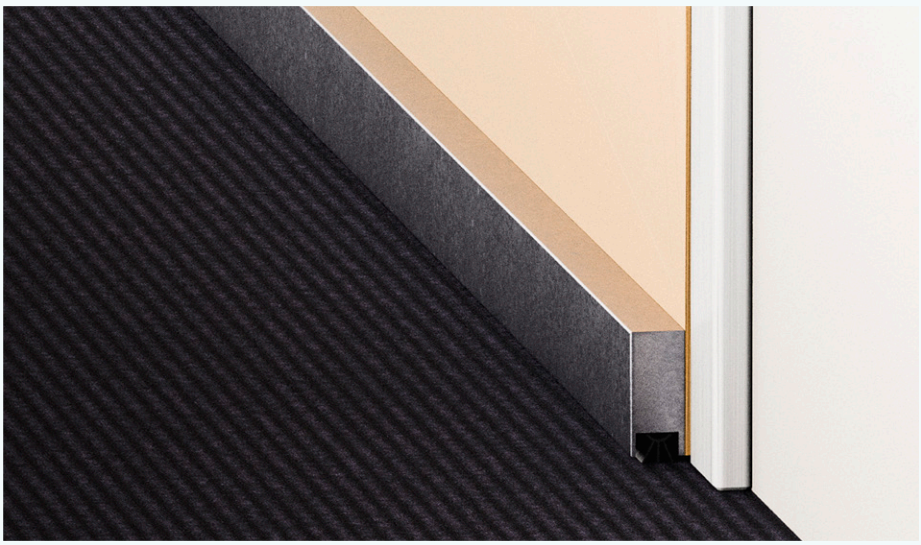
Semi-Mortised

ie.
Kilargo IS8011Si
Kilargo IS8090Si



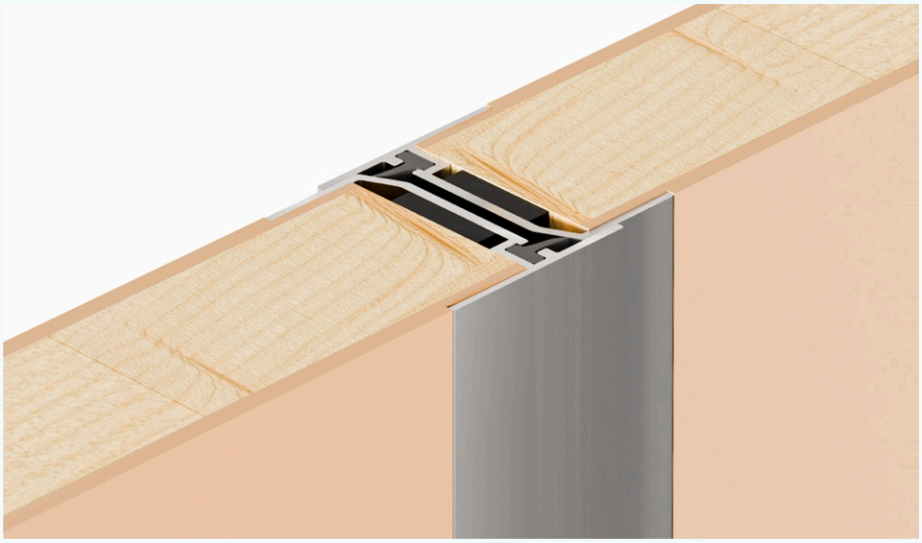
Face Fixed

ie.
Lorient LAS8006
Kilargo IS8011Si
Kilargo IS8090Si

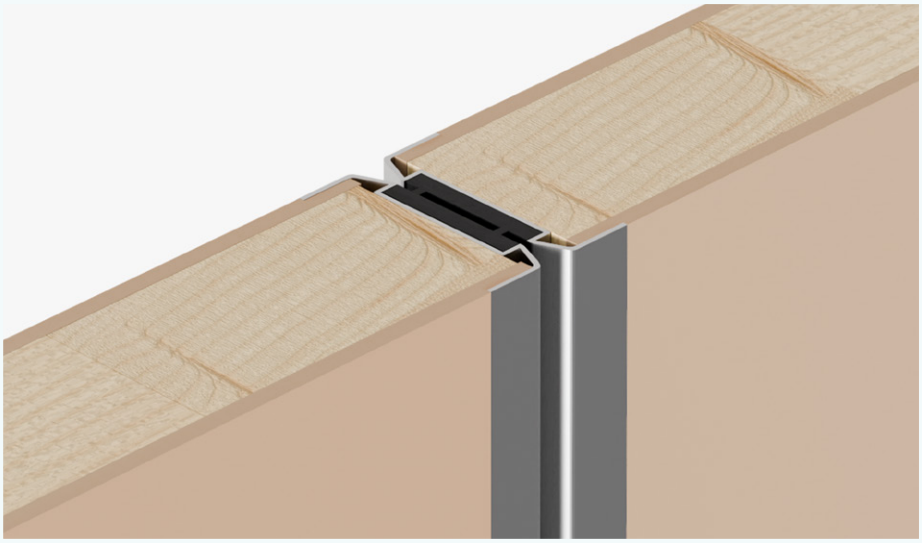


Meeting Stiles

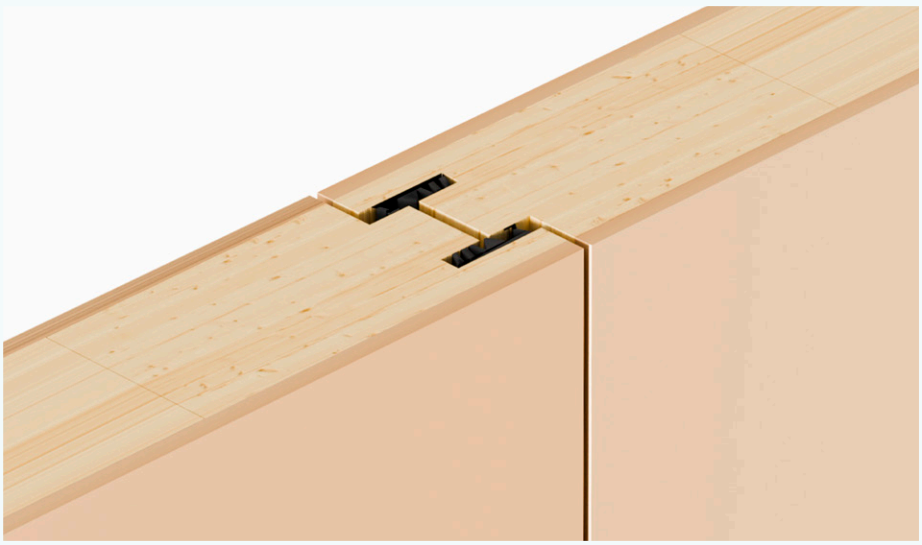
J-Bar



Bullnose



Rebated



ie.
Pyropanel PY-MS1