

INSUB FIRE RATED LOUVERED DOORS

DATA SHEET

Compliance	Fire Resistance Level	- /120/-	AS 1530.4:2014 AS 1905.1:2015
Door Dimensions	Available in single, double, and triple configurations, up to 3.6m wide and 3.0m high. Door thickness: 75mm.		
Door Structure	Engineered for fire resistance, reinforced to support heavy-duty hardware, and fully weatherproof for exterior or high-risk environments. Each door leaf includes intumescent material combined with external weatherproof aluminium louvred vents to meet passive airflow requirements while ensuring reliable performance under fire conditions.		
Frame Design	Pressed Metal 40mm equal-angle design, made from 6mm thick steel.		
Passive Airflow	Designed to support airflow rates sufficient to dissipate heat generated within a substation room, ensuring safe and stable operating temperatures.		
Furniture & Hardware	Fire rated factory-fitted hardware includes certified door closers, panic bars, barrel locks, handles, and seals — all compliant with relevant safety and performance standards.		
Pre-Hung Assembly	The door leaf, frame, hinges, and hardware are pre-assembled, hung and factory adjusted.		
Hinges	125mm x 100mm heavy-duty hinges are selected based on door dimensions. Extended hinges are available to suit external cladding and throw hinges can be specified to achieve a full 180° swing.		
Site Specific Requirements	Doors can be manufactured with provisions for integrated internal fire and security features, tailored to site-specific requirements.		
Structural Wall Thickness	Compatible with all wall types and thicknesses for flexible integration across a range of building structures.		
Colour/Finish	Dulux standard paint or durable powder coating from the Dulux Duralloy Solid Colour Range.		
Approved Power Utility Authorities	Certified and approved for use by major utilities including CitiPower, Powercor, Icon Water, Jemena and United Energy.		

