



## KD51 Rebated Thermal Doors



At only 50 mm wide, the Rebated Door Suite thermally broken rebated door, ensures we maximise the glazed area. With a intelligent design, engineered for quality fabrication and ease of installation.

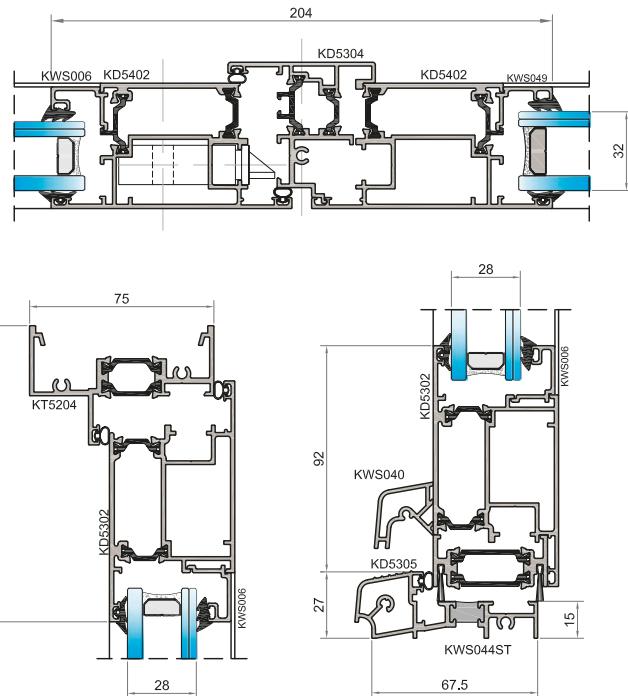
The KD51 Rebated Door Suite, is a thermally broken system, to ensure that it can meet and exceed current building regulations. This system uses high quality components, from throughout Europe, to ensure the products durability.

It can be integrated with the KWS Window Systems, and Curtain Walling System.

With a innovative gasket design, our gaskets are unique, and ensure ease of glazing.

- Inward & outward open application available.
- Polyamide thermally broken aluminium frames for improved thermal efficiency.
- 28 mm glass as standard as well as a wide variety of other options.
- Joined using mechanical corners.
- 75 mm polyamide sub frame section for easy to install modular doors.
- Doors easily integrated with KBS window systems.
- Cills, add ons, curtain wall insert & coupler sections available.
- Multipoint locking available for secure doors.

## 3D PROFILE SECTION



## Materials

Aluminium is extruded in accordance with BS EN 755 Part 1-9:2008 and BS EN 12020-2:2008.

Polyester Powder Coating material is produced in accordance with BS 6496/97:1984.

Silver Anodising is produced in accordance with BS EN 12373, ranging from 5-25 microns.

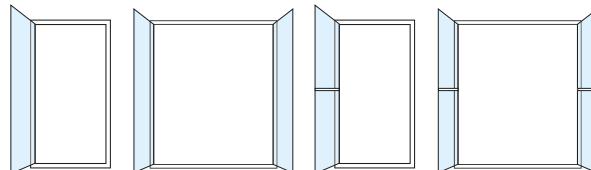
Polyamide Thermally Broken Aluminium is produced in accordance with BS EN 14024:2004.

Gasketry is produced in accordance with BS EN 3734:1997.

## Testing

Contact the **exlabesa** Technical Department.

## Typical Configurations



## FURTHER NOTES

Door handing is determined by standing on the side of the door where the hinges are visible. If the hinges are on the left it is a left hand door, if on the right it is a right hand door.

KD Rebated Thermal Doors	Max. Sash Size (mm)	Typical U-Values (900 W x 2100 H)	
		(Single Door / Double Door)	
		With Midrail	Without Midrail
	1100x2200	2.1 / 2.1	2.1 / 2.0

Please note: U-Values are dependant on size and glass U-Values. The above are based on glass U-Values of 1.1 W/m<sup>2</sup>K.

Place Your  
Company  
Details Here

