Aluminium Curtain Wall
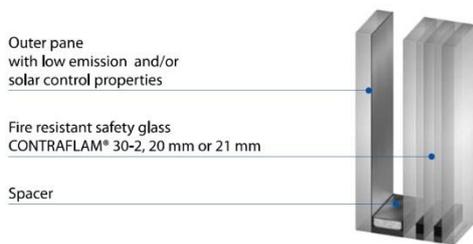## EI 30, EI 60
with IGU (Insulated Glass Unit)

Serie 15 – EI 30, EI 60 system Curtain Wall
from W.M.K. SECUR

SECUR ALU Serie 15 from W.M.K. SECUR is a complete profile system with accessories for fixed partitions formed with aluminium profiles EN AW-6060 aluminium alloy AlMgSi0,5 and core profile of steel.

Dry glazing system with EPDM gaskets and with clip on glazing beads

To prevent passage of smokes, heat and flames it is necessary to install the intumescent strips to seal perfectly the gap between the frame and the glass. Depending on the fire requirement.

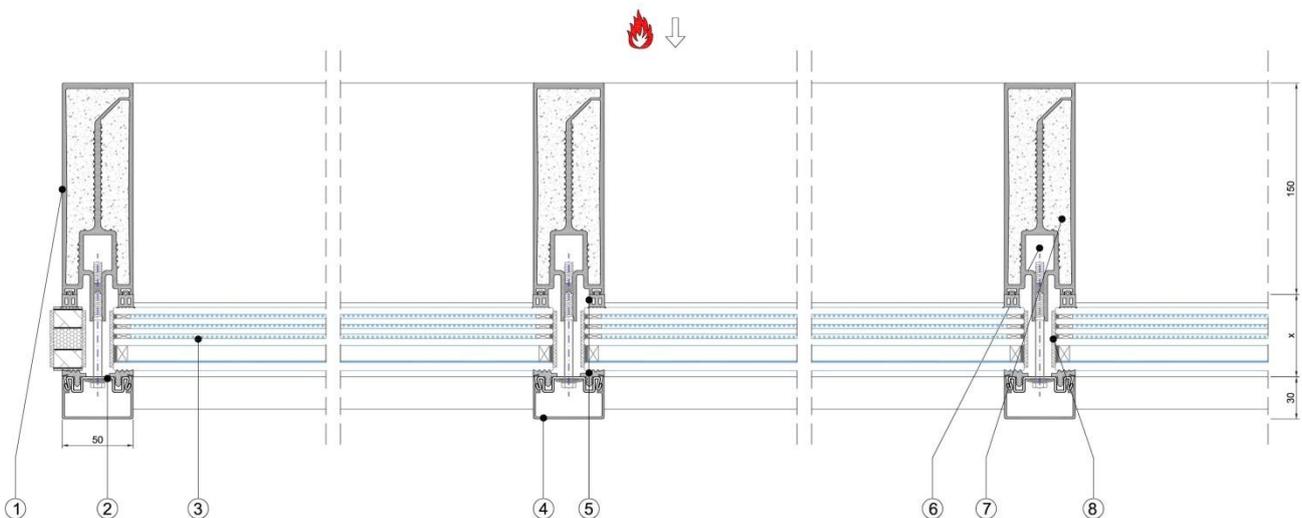Range of application: internal and external.

Outer pane
with low emission and/or
solar control properties

Fire resistant safety glass
CONTRAFLAM® 30-2, 20 mm or 21 mm

Spacer

EI 30 fire rated glass with IGU

Outer pane
with low emision and/or
solar control properties

Fire resistant safety glass
CONTRAFLAM® 60-3, 27 mm or 29 mm

Spacer

EI 60 fire rated glass with IGU

Secur ALU Serie 15 Curtain Wall EI 30, EI 60 with IGU

KEY			
	① Aluminium Profile	② Steel Profile	③ EW glass with IGU
	④ Glazing Beads	⑤ Gasket Beads	⑥ Hollow Chamber for reinforcement
	⑦ Fireproof insulating material	⑧ intumescent strips	

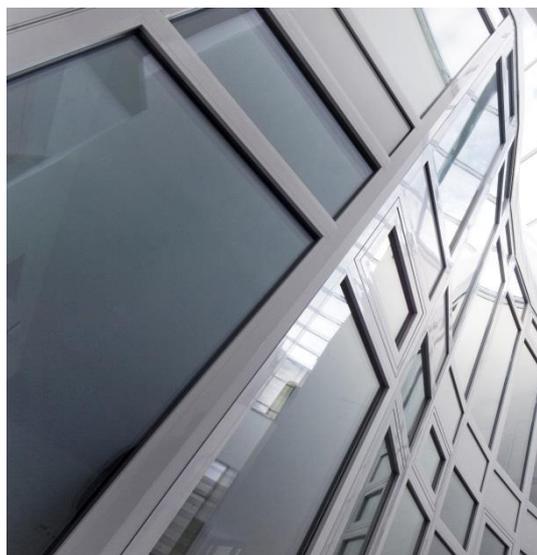## Aluminium Curtain Wall EI 30, EI 60 with IGU

Main Technical Features:
- Aluminium profiles EN AW – 6060, aluminium alloy AIMgSi0,5 and core profile of fiberglass reinforced resin.
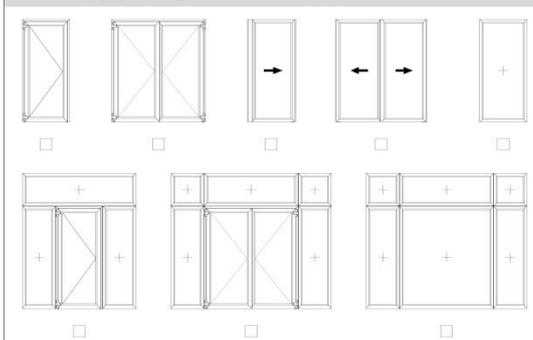
Main Finishes:
- Powder coated
- Anodized

Application example

Application example

	SECUR ALU Serie 15
	FINISHING MATERIAL
✓	Lacquered Aluminium
✓	Anodized Aluminium
✓	Lacquered Imitation Wood
	THERMAL BRIDE RUPTURE
✓	Without thermal break**
	With thermal break
	FIRE PROTECTION
	EW 30
	EW 60
	EW 90
	EW 120
✓	EI 30
✓	EI 60
	EI 90
	EI 120
	SYSTEMS
	Fixed Partition
	Door
	Anti-trap system
✓	Mixed elements
	Horizontal systems
✓	Curtain Wall
	DESIGN OPTIONS
	Concealed barrel hinge
	Screw on hinge
	Door top closer
	Door floor closer
	Concealed top closer
	Integrated Selector
	Electrical latch and lock
	Antipanic push bar recessed
	Antipanic push bar overlapping
	Handle
	Push handle
	Retainer floor
	Retainer wall
	Retainer integrated
	Drop Sealant
**	however, only screw from outside to inside at a distance of 250 mm
	AUTOMATION
	Access control
	Automatic opening

POSSIBLE APPLICATIONS CHART

EI

The applications of W.M.K. SECUR have been tested according to the EN standards and UNI standards and with CE marked fire resistant safety glass of Vetrotech Saint-Gobain International AG.
INFORMATIVE NOTE: This technical data are an information document and this data can be modified by W.M.K. SECUR without notice. In any case, before being used be consulted W.M.K. SECUR Technical Department.