

**DOORS**

# RIVA ADS 80 FR 60

DIN-tested single-leaf and double-leaf fire doors. Fire doors are so-called fire protection closures. The requirements imposed on fire doors are stipulated in DIN 4102-5 (Germany) or ÖNORM B 3850 (Austria). Fire resistance classes: EI 30, EI 60, EI 90, EI 120, and EI 180. The number following the T specifies the duration in minutes, in other words how long the fire protection closure prevents passage of the fire (not of the smoke) and must still be capable of being opened.

For fire doors there is a distinction between retardant (EI 30), highly fire-retardant (EI 60), and fire-resistant fire protection closures (EI 90). These in turn are categorized as single-leaf doors, e.g. (EI 90-1), and double-leaf doors, e.g. (EI 90-2). Fire doors maintain their high level of multi-functionality as break-in inhibitors with excellent sound reduction and anti-panic function.

The fire doors can be combined with system components for access control and as an EI 30 insert element can be integrated in the EI 30 and G 30 fire-resistant facade.


**Product information:**

- Suitable for use as fire door on room and building closures
- Multi-functionality, fire and smoke protection, break-in resistance, sound reduction, anti-panic functions
- Use of system components for access control

**DESIGN SPECIFICATIONS**

Face width min. 137 mm

Window fittings concealed yes

Element width max. 3200 mm

Element height max. 2607 mm

**TECHNICAL SPECIFICATIONS**

National technical approval yes

Verification of permanent functionality DIN 4102, DIN EN 12400, DIN 18095, 200000 cycles in accordance with DIN EN 12400

Weight max. 280 kg

Glass/panel thickness min. - max. 44 mm

**SUSTAINABILITY**

Uf-value frame ? 1,9 W/(m<sup>2</sup> ·K)

Wind load resistance A3, B2

**FUNCTIONS**

Fire protection F60, T60, EI60

Break-in resistance up to RC 2

Opening direction inward and outward, clamping protection, single and double-vent

Smoke protection SA, S200, RS1, RS2

