BENEDICT + RIVA

SUPERIOR DESIGN THAT MATTERS

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DOORS

RIVA ADS 80 FR 30-CE

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
Element width max.	1400 mm
Element height max.	2488 mm
Clearance dimensions (w x h) min. - max.	min. 460 x 1648 mm - max. 1400 x 2988 mm

SUSTAINABILITY

Uf-value frame ?	1,9 W/(m^2 ·K)
Wind load resistance	class C2

TECHNICAL SPECIFICATIONS

CE mark	yes
Verification of permanent functionality	200000 cycles in accordance with DIN EN 12400
Glass/panel thickness min. - max.	16 - 44 mm
Air permeability	class 2

FUNCTIONS

Fire protection	EI30
Break-in resistance	up to RC 2
Smoke protection	SA, S200
Max. sound insulation RwP	46 dB(A)