

DATA SHEET

Product Ref	Novoslide Industry Fire & Smokeproof Sliding Door 1-Leaf. EI ₂ 120
Description	Fire resistant and smokeproof sliding door for fire barrier in industrial and commercial properties. Galvanized sheet metal with fireproof insulation. Door leaf made of individual full-height units joined together.
Application	Industrial construction & public buildings
Size	Door leaf approx. 72mm thick, 0.75mm sheet material. Unit weight approx. 54kg/m ² . Clear opening from upper edge of finished floor. 1000 x 2000 to 8500 x 6000 (max 50m ²). S _a smokeproof (full leaf): up to 8500mm x 6000mm (max 44m ²). S ₂₀₀ smokeproof (full leaf): up to 27.1m ² (max).
Performance	Corresponds to EN 16034 and EN 13241; tested for fire-resistant properties by an official testing laboratory in accordance with EN 1634-1. All single-leaf doors are certified with corresponding durability tests (certified durability of the self-closing action in accordance with EN 12605 with 50,000 cycles (Class C3)). Optional smoke protection classification S _a (tight closing with 3-sided sealing system) or S ₂₀₀ (smokeproof blwith 4-sided continuous sealing system).
Finish	Galvanized in standard, including door-leaf edge profiles; optional hinge coating of door leaf panels only (pebble grey, similar to RAL 7032) or with RAL coating of choice, including door-leaf edge profiles, covers and cladding.
Installation	The wall in which the fire barrier is to be installed as well as its fixings must comply with the classification (see descriptions for individual door types). The floor in the door area must be non-flammable (building material class A1). If the parking area of a sliding door has a casing applied on-site, inspection openings must be provided to enable maintenance.
Types of lintels	Standard model for normal headers requires approx. 250 mm headroom. Customised models for direct ceiling installation require at least 150 mm headroom. Header panel for direct ceiling installation is 150 mm high.
Door leaf	Made of 0.75mm galvanized and specially machined thin sheet metal with fireproof insulation. Door leaf made of individual full-height units joined together, with smooth surface finish achieved by bonding the sheet metal jacket with the fireproof insulation (supplied as individual panels). Even with high doors of up to 6m, no vertical gap is required.
Seal	On three sides, with labyrinth-seal profiles. Additional sealing system between the individual panels to meet minimum S _a smokeproof requirements. Panel joints require no extra sealing. Option of 4-sided smoke protection sealing system as S ₂₀₀ .
Hardware	Closed track system with one support roller system per panel for smooth door movement, closed track system with individually mounted support bracket constructions, including hydraulic end damper, closing weight in galvanised casing, internal floor guide as well as a handle and recessed shell handle, optional in stainless steel.
Operation	Door closing brake (radial damper) as standard. Controls the closing speed, adjustable between 0.08 and 0.3m/sec. Hold-open system optional.