



Aluminium frame construction infilled with 43 mm synthetic triple glazing

Text example:

Sectional door made of aluminium frame construction, in thermally separated construction, surface anodised in E6/EV1, infilled with 43 mm synthetic triple glazing, colourless. Sections with centre seal. Double header- and floor seal in EPDM-quality. Screwed hinges made of galvanized steel, lateral roller guide with adjustable ball bearing rollers. Lateral closed profiled angular frame, made of hot-dipped galvanized steel, with screwed rail. Weight compensation with torsion spring shaft with lateral load-bearing cables. "Teckentrup SL 80" or equivalent.

Compile and tender according to requirements. Please refer to technical data below for respective details. Updated 01.05.2023.

Technical Data

Performance data: - Red in sulation: - Heat insulation: - Hood of insulation: - Heat insulation: - Hood of insulation: - Hood of with imple glazing - door? with imple glazing - door? with imple glazing - door? with imple glazing - door size of 25 m² - Resistance to wind load: - Classification in acc. with EN 12424, - test in acc. EN 12447 - Class 3 (max. Pa) - Resistance to water penetration: - Classification in acc. with EN 12425, - test in acc. EN 12427 - Class 3 - Reaction to fire (DIN EN 1029) - Door leaf element material B2 - sound reduction index acc. to ISO 140-3, - acc. to EN 171-1 - Sound reduction index acc. to ISO 140-3, - acc. to EN 171-1 - Sound reduction index acc. to ISO 140-3, - acc. to EN 171-1 - Sound reduction in thermally separated constructions. usaface anodised in E6/EV1, standardly infilled with 43 mm KS-triple glazing colourless, - retaining ledge aluminium anodised in E6/EV1 with seal Optionally: fourfold glazing, scratch-resistant surface, etc Seals: Floor, header- and centre seal in EPDM-quality Door leaf elftings: Screwed plinges, galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers - etc Seals: Floor, header- and centre seal in EPDM-quality Door leaf elftings: Screwed plinges, galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers - Ce, etc Seals: Floor, header- and centre seal in EPDM-quality Handle inside / footboard outside including rope - doors with sealing in the sealing to the door Port shall drive with alternating voltage 230 Volt H2, 20 cycles' per hour, rotection of IP 65, emergency hand crank, TU y approved, or with a frequen		0 (1 1 1 0 0 0			
data: Heat insulation: EN 13241-1, attachment B EN 12428: - door' with triple glazing U = 2,3 W/m²K With a door size of 25 m²	Product	Sectional door SL 80	Fittings	 N = Normal fitting (in the basic price in the tab. ND = Normal fitting which follows the shape of 	,
Ent 19341-1, attachment B En 12428:					ii liile
- door! with triple glazing	uata.				
Resistance to wind load: Classification in acc. with EN 12424. Lets if nace EN 12444 Class 3 (max. Pa) Resistance to water penetration: Classification in acc. with EN 12425, Let in acc EN 12489 Class 0 Air permeability: Classification in acc. with EN 12426, Lets in acc EN 12487 Reaction to fire (DIN EN 4102) Door leaf element material B2 (normally inflammable) Sound reduction index acc. to ISO 140-3. Reaction to fire (DIN EN 4102) Concrete Science				 HLU = High lift guide rail fitting with bottom to 	rsion
Resistance to wind load: Classification in acc. with EN 12424, test in acc. EN 12444 (class 3 (max. Pa) Resistance to water penetration: Classification in acc. with EN 12425, test in acc. EN 12449 (class 3 (max. Pa) Air permeability: Classification in acc. with EN 12425, test in acc. EN 12429 (class 3 (max. Pa) Air permeability: Classification in acc. with EN 12426, test in acc. EN 12427 (class 3 (max. Pa) Reaction to fire (DIN EN 4102) Loor leaf element material B2 (normally inflammable) Sound reduction index acc. to ISO 140-3, acc. to EN 717-1 Rw = 25 dB Installation Installation Modular dimension: Width: 2.000 - 6.750 mm; Height: 1.875 - 6.000 mm (Further dimensions on request) Door leaf Aluminitum frame construction in thermally separated construction, surface anodised in E6/EV1, standardly in inflitied with 43 mm KS-theje glazing colourless, retaining ledge aluminitum anodised in E6/EV1 with sealing ledge aluminitum fame construction in thermally separated construction, surface anodes the little with sealing ledge aluminitum fame construction in thermally separated construction, surface anodes the little with sealing ledge self-exity sealing ledge self-exity sealing ledge self-exity sealing ledge self-exity sealing ledge self-exi		,		spring shaft	
Test in acc. EN 12444 Class 3 (max. Pa)				 HLD = High lift guide rail fitting which follows t 	the
Resistance to water penetration: Classification in acc. with EN 12425, test in acc. EN 12489 Air permeability: Classification in acc. with EN 12426 test in acc. EN 12427 Class 3 Reaction to fire (DIN EN 4102) - Door leaf element material B2 (normally inflammable) - Sound reduction index acc. to ISO 140-3, acc. to EN 717-1 Rw = 25 dB Installation Masonry - Concrete - Steel construction - Steel construction - Steel construction - One - 6.750 mm; Height: 1.875 - 6.000 mm (Further dimensions on request) Door leaf Door leaf - Door leaf: - Door leaf: - Door leaf intings: Screwed hinges, galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers Frame Lateral closed, profiled angular frame, hot-dipped galvanized steel, with screwed guide rail. Lateral rubbing stripe with sealing lip. Manual operation A Lateral intings: Screwed hinges, galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers Frame Phanual chain hoist Locking Weight com Phenation Veight com pensation Neight com pensation A Required space Required space Required space Sequired space Sequired space		Classification in acc. with EN 12424,		·	
Classification in acc. with EN 12425, test in acc. EN 12489 Class 0 Air permeability. Classification in acc. with EN 12426, test in acc. EN 12427 Class 3 *Reaction to fire (DIN EN 4102) Door leaf element materials 2 (normally inflammable) **Sound reduction index acc. to ISO 140-3, acc. to EN 717-1 Rw = 25 dB Installation **Masonry Concrete **Steel construction **Modular dimensions on request) Door leaf **Door leaf: Aluminium frame construction in thermally separated construction, surface anodised in EG/EV1, standardly infilled with 43 mm KS-triple glazing colourless, retaining ledge aluminium anodised in EG/EV1 with seal. **Optionally: fourfold glazing, scratch-resistant surface, etc. **Seals: Floor-, header- and centre seal in EPDM-quality. **Door leaf filtings: Screwed hinges, galvanized steel (linked the single sections) lateral roller guide with adjustable bail bearing rollers **Frame **Lateral closed, profiled angular frame, hot-dipped galvanized steel, with screwed guide rail. Lateral rubbing stripe with scelling locking) **Manual operation on both sides minor for manual operation on both sides minor for chain drive minor for sparted fire minor for chain drive minor for sparted fire minor for chain drive minor for chain drive minor for sparted fire minor for chain drive minor for sparted fire minor for chain drive minor for sparted fire minor for chain drive minor for		test in acc. EN 12444 Class 3 (max. Pa)		 HLUD = High lift guide rail fitting with roof inclination 	ine and
Itest in acc. EN 12489 Class 0 Air permeability: Classification in acc. with EN 12426, test in acc. EN 12427 Class 3 *Reaction to fire (DIN EN 4102) - Door leaf element material B2 (normally inflammable) *Sound reduction index acc. to ISO 140-3, acc. to EN 717-1 Rw = 25 dB Installation *Masonry - Concrete - Steel construction *Modular dimension: Width: 2.000 - 6.750 mm; Height: 1.875 - 6.000 mm (Further dimensions on request) *Door leaf *Door leaf *Door leaf - Optionally: fourfold glazing, scratch-resistant surface, etc. *Seals: Floor-, header- and centre seal in EPDM-quality: - Door leaf fittings: Screwed hinges, galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers *Frame *Alaminum elinside / footboard outside including rope galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers *Alaminum elinside / footboard outside including rope adjustable to all bearing rollers *Alaminum elinside / footboard outside including rope elements of the single sections of the inside additional locking of electrically operated doors *Siting with sealing lip. *Manual *Alaminum elinside / footboard outside including rope elements elinside / footboard outside including rope elements eliminum elinside / footboard outside including rope elements eliminum elinside / footboard outside including rope elements eliminum elinside / footboard outside including rope eliminum elinside / footboard outside including rope eliminum elinside eliminum eliminu		Resistance to water penetration:			
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test in acc. EN 12427 Reaction to fire (DIN EN 4102) Door leaf element material B2 (normally inflammable) Sound reduction index acc. to ISO 140-3, acc. to EN 717-1 Rw = 25 dB Installation Inst		The state of the s			
Reaction to fire (DIN EN 4102)					shaft
- Door leaf element material B2 (normally inflammable) - Sound reduction index acc. to ISO 140-3, acc. to EN 717-1 Rw = 25 dB Installation - Masonry - Concrete - Steel construction - Size range - Modular dimension: Width: 2.000 - 6.750 mm; Height: 1.875 - 6.000 mm (Further dimensions on request) - Door leaf: Aluminium frame construction in thermally separated construction, surface anodised in E6/EV1, standardly infilled with 43 mm KS-triple glazing colourless, retaining ledge aluminium anodised in E6/EV1 with seal Optionally: fourfold glazing, scratch-resistant surface, etc Seals: Floor-, header- and centre seal in EPDM-quality Door leaf fittings: Screwed hinges, galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers Frame - Lateral closed, profiled angular frame, hot-dipped galvanized steel, with screwed guide rail. Lateral rubbing stripe with sealing lip. Locking - Siliding bott (on one side) including rope, incl. on the inside additional locking of electrically operated doors - From the inside with electrically operated doors - From the inside with electrically operated doors - From the inside with electrically operated doors - From springs with lateral load-bearing cables, galvanized and shot blasted - Torsion springs with lateral load-bearing cables, galvanized and shot blasted - Door leaf fittings: Corewed hinges, galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers - Control - Soliding bott (on one side) including rope the door. - Soliding bott (on one side) including rope incl. on the inside additional locking of electrically operated doors - From the inside with electrically operated doors - From the inside with electrically operated doors - From the inside additional locking of electrically operated doors - From the inside including rope, incl. on the inside additional locking of electrically operated doors - From the inside including rope, incl. on the inside additional locking of elect			•		011011
inflammable) Sound reduction index acc. to ISO 140-3, acc. to EN 717-1 Rw = 25 dB Installation * Masonry Concrete Steel construction Modular dimension: Width: 2.000 - 6.750 mm; Height: 1.875 - 6.000 mm (Further dimensions on request) Door leaf Door leaf * Door leaf: Aluminium frame construction in thermally separated construction, surface anodised in E6/EV1, standardly infilled with 43 mm KS-triple glazing colourless, retaining ledge aluminium anodised in E6/EV1 with seal. Optionally: fourfold glazing, scratch-resistant surface, etc. Seals: Floor-, header- and centre seal in EPDM-quality. Door leaf fittings: Screwed hinges, galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers Frame * Lateral closed, profiled angular frame, hot-dipped galvanized steel, with screwed guide rail. Lateral rubbing stripe with sealing lip. Manual operation (NSH/NSD) minor for geared chain minior for shaft drive minor for chain drive for chain drive minor for chain drive for chain driv					110 mm
Sound reduction index acc. to ISO 140-3, acc. to ISO 171-1 Rw = 25 dB		· · ·			120 mm
Installation * Masonry * Concrete * Steel construction * Modular dimension: Width: 2.000 - 6.750 mm; Height: 1.875 - 6.000 mm (Further dimensions on request) * Door leaf * Door leaf * Door leaf * Door leaf * Door leaf: Aluminium frame construction in thermally separated construction, surface anodised in E6/EV1, standard-ly infilled with 43 mm KS-triple glazing colouriess, retaining ledge aluminium anodised in E6/EV1 with seal. * Optionally: fourfold glazing, scratch-resistant surface, etc. * Seals: Floor-, header- and centre seal in EPDM-quality. * Door leaf fittings: Screwed hinges, galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers * Lateral closed, profiled angular frame, hot-dipped galvanized steel, with screwed guide rail. Lateral rubbing stripe with sealing lip. * Manual operation * Siding bolt (on one side) including rope and and chain hoist * Siding bolt (on one side) including rope, incl. on the inside additional locking of electrically operated doors * From the inside with electrically operated doors * From the inside with electrically operated sloors galvanized and shot blasted * Torsion springs with lateral load-bearing cables, galvanized and shot blasted * Torsion springs with lateral load-bearing cables, galvanized and shot blasted * Torsion springs with lateral load-bearing cables, galvanized and shot blasted * Torsion springs with lateral load-bearing cables, galvanized and shot blasted * Torsion springs with lateral load-bearing cables, galvanized and shot blasted		,		. , ,	185 mm
Installation * Masonry				•	210 mm
* Concrete	lunatallatian	- M			150 mm
Size range Modular dimension: Width: 2.000 - 6.750 mm; Height: 1.875 - 6.000 mm (Further dimensions on request) Door leaf Door leaf Door leaf: Aluminium frame construction in thermally separated construction, surface anodised in E6/EV1, standardly infilled with 43 mm KS-triple glazing colourless, retaining ledge aluminium anodised in E6/EV1 with seal. Optionally: fourfold glazing, scratch-resistant surface, etc. Seals: Floor-, header- and centre seal in EPDM-quality. Door leaf fittings: Screwed hinges, galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers Prame Lateral closed, profiled angular frame, hot-dipped galvanized steel, with screwed guide rail. Lateral rubbing stripe with sealing lip. Manual Handle inside / footboard outside including rope and doors Size range Size range Manual chain hoist Locking Size range Manual chain divised including rope, incl. on the inside additional locking of electrically operated doors From the inside with electrically operated doors Torsion springs with lateral load-bearing cables, galvanized and shot blasted N.Fittings N.Fitting N.Fittings N.Fittings N.Fittings N.	installation	•			
Size range Modular dimension: Width: 2,000 - 6,750 mm; Height: 1.875 - 6.000 mm (Further dimensions on request) Door leaf Door leaf Door leaf: Aluminium frame construction in thermally separated construction, surface anodised in E6/EV1, standardly infilled with 43 mm KS-triple glazing colourless, retaining ledge aluminium anodised in E6/EV1 with seal. Optionally: fourfold glazing, scratch-resistant surface, etc. Seals: Floor-, header- and centre seal in EPDM-quality. Door leaf fittings: Screwed hinges, galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers Frame Lateral closed, profiled angular frame, hot-dipped galvanized steel, with screwed guide rail. Lateral rubbing stripe with sealing lip. Hanual operation Manual operation Locking Sididing bolt (on one side) including rope, incl. on the inside additional locking of electrically operated doors From the inside with electrically operated sliding bolts (night-time locking) Weight compensation Weight compensation Torsion springs with lateral load-bearing cables, galvanized and shot blasted ND-fittings NSH/NSD-fittings NSH/NSD-fittings NSH/NSD-fittings NSH/NSD-fittings NSH/NSD-fittings NL(U/J)-fittings NSH/NSD-fittings NEHINSD-fittings NC(U)-fittings NC(U)-fittings NC(U)-fittings A10 or height x 2 Shaft drive with alternating voltage 230 Volt 45 shaft drive with alternating voltage 230 Volt Hz, 20 cycles* per hour, protection cl IP 65, emergency hand crank, TÜV approved. cor with a five quency converter control with decipied and urbive, sealy voltage soffey device, control voltage soffey device, control voltage, protection class IP 65, with emergency hand crank, TÜV approved. cor with a five quency converter control voltage, protection class IP 65, with emergency hand crank, TÜV approved. cor with					500 mm
Modular dimension: Width: 2.000 - 6.750 mm; Height: 1.875 - 6.000 mm (Further dimensions on request) Door leaf Door leaf: Aluminium frame construction in thermally separated construction, surface anodised in E6/EV1, standardly infilled with 43 mm KS-triple glazing colourless, retaining ledge aluminium anodised in E6/EV1 with seal. Optionally: fourfold glazing, scratch-resistant surface, etc. Seals: Floor-, header- and centre seal in EPDM-quality. Door leaf fittings: Screwed hinges, galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers Etateral closed, profiled angular frame, hot-dipped galvanized steel, with screwed guide rail. Lateral rubbing stripe with sealing lip. Manual Handle inside / footboard outside including rope operation Manual one inside additional locking of electrically operated doors From the inside with electrically operated doors From the inside with electrically operated sliding bolts (night-time locking) Weight compensation Weight compensation Torsion springs with lateral load-bearing cables, galvanized and shot blasted Poor leaf: NSH/NSD-fittings minion in Hermally Hull(U/D)-fittings NSH/NSD-fittings notice IV. (U)-fittings NSH/NSD-fittings notice IV. (U)-fittings NSH/NSD-fittings notice IV. (U)-fittings NSH/NSD-fittings door leight x 2. (U)-fittings door height x 2. (U)-fittings notice IV. (U)-fittings door height x 2. (U)-fittings notice IV. (U)-fitings notice IV. (U)-fittings notice IV. (U)-fitings notice					550 mm
Further dimensions on request	Size range			· ·	310 mm
Door leaf: Aluminium frame construction in thermally separated construction, surface anodised in E6/EV1, standardly infilled with 43 mm KS-triple glazing colourless, retaining ledge aluminium anodised in E6/EV1 with seal. Optionally: fourfold glazing, scratch-resistant surface, etc. Seals: Floor-, header- and centre seal in EPDM-quality. Door leaf fittings: Screwed hinges, galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers Frame Lateral closed, profiled angular frame, hot-dipped galvanized steel, with screwed guide rail. Lateral rubbing stripe with sealing lip. Manual Operation Manual Silding bolt (on one side) including rope, incl. on the inside additional locking of electrically operated doors From the inside with electrically operated solding bolts (night-time locking) Weight compensation Weight compensation Traffic control Portional frame construction in thermally separated and shot blasted Drives Shaft mount drive, chain drive, three-phase 400 Vol. 3-Ph 50 Hz, 20 cycles* per hour, class IP be hour, class IP Photh, Time per hour, protection cl IP 65, emergency hand crank, TÜV approved, and "soft"-stop. Direct drive as springless door without weig compensation, three-phase voltage 400 Vol. 3-Ph 50 Hz, 20 cycles* per hour, class IP Photh, Time from the inside additional polateral roller guide with adjustable ball bearing rollers A cycle is a complete closing and opening oper the door. Control From the inside with electrically operated sliding bolts (night-time locking) Traffic control (automatic mode "close") in control with closing edge safety device Radio remote control Automatic closing in combination with traffic				· ·	adroom
Aluminium frame construction in thermally separated construction, surface anodised in E6/EV1, standard-ly infilled with 43 mm KS-triple glazing colourless, retaining ledge aluminium anodised in E6/EV1 with seal. Optionally: fourfold glazing, scratch-resistant surface, etc. Seals: Floor-, header- and centre seal in EPDM-quality. Door leaf fittings: Screwed hinges, galvanized steel (linked the single sections) lateral roller guide with adjustable ball bearing rollers galvanized steel, with screwed guide rail. Lateral rubbing stripe with sealing lip. Frame Lateral closed, profiled angular frame, hot-dipped galvanized steel, with screwed guide rail. Lateral rubbing stripe with sealing lip. Manual Handle inside / footboard outside including rope Manual chain hoist Sidding bolt (on one side) including rope, incl. on the inside additional locking of electrically operated doors From the inside with electrically operated sliding bolts (night-time locking) Weight compensation Torsion springs with lateral load-bearing cables, galvanized and shot blasted Poives Shaft mount drive, chain drive, three-phase 400 Volx, 3~Ph 50 Hz, 20 cycles* per hour, protection cl IP 65, with emergency hand crank, TÜ approved. Shaft drive with alternating voltage 230 Volt Hz, 20 cycles* per hour, protection cl IP 65, emergency hand crank, TÜ approved. Shaft drive with alternating voltage 230 Volt Hz, 20 cycles* per hour, protection cl IP 65, emergency hand crank, TÜ approved. Shaft drive with alternating voltage 230 Volt Hz, 20 cycles* per hour, protection cl IP 65, with argency on crank, TÜ approved. Shaft drive with alternating voltage 230 Volt Hz, 20 cycles* per hour, protection cl IP 65, with argency on crank, TÜ approved. Shaft drive with alternating voltage 230 Volt Hz, 20 cycles* per hour, protection cl IP 65, with a frequency converter control wi				· / -	500 mm
Lateral closed, profiled angular frame, hot-dipped galvanized steel, with screwed guide rail. Lateral rubbing stripe with sealing lip. Manual		construction, surface anodised in E6/EV1, standardly infilled with 43 mm KS-triple glazing colourless, retaining ledge aluminium anodised in E6/EV1 with seal. Optionally: fourfold glazing, scratch-resistant surface, etc. Seals: Floor-, header- and centre seal in EPDM-quality. Door leaf fittings: Screwed hinges, galvanized steel (linked the single sections) lateral roller guide with		 Shaft drive with alternating voltage 230 Volt 1~Ph,50 Hz, 20 cycles* per hour, protection cl IP 65, with emergency hand crank, TÜV approved, combined with a frequency converter control with "soft"-start and "soft"-stop. Direct drive as springless door without weight compensation, three-phase voltage 400V, 3~Ph, 50 Hz, 20 cycles* per hour, protection cl. IP 65, 	
## Handle inside / footboard outside including rope Manual chain hoist	Frame	galvanized steel, with screwed guide rail. Lateral		device integrated. * A cycle is a complete closing and opening operation of	
Sliding bolt (on one side) including rope, incl. on the inside additional locking of electrically operated doors From the inside with electrically operated sliding bolts (night-time locking) Weight compensation Torsion springs with lateral load-bearing cables, galvanized and shot blasted Sliding bolt (on one side) including rope, incl. on noticed as deadman-control. Function with closing edge safety device, control voltage safety extra low voltage, protection class IP buttons open-stop-close. Pulse control (automatic mode "close") in convince with closing edge safety device with closing edge safety device Radio remote control Automatic closing in combination with traffice artific control		• .	Control	 For shaft drive and chain drives, ready to plug pre-wired and with CEE-plug. In the basic usage noticed as deadman-control. Function without closing edge safety device, control voltage 24 V safety extra low voltage, protection class IP 65, push buttons open-stop-close. Pulse control (automatic mode "close") in connection 	
Weight compensation Torsion springs with lateral load-bearing cables, galvanized and shot blasted with closing edge safety device Radio remote control Automatic closing in combination with traffice Traffic control	Locking	the inside additional locking of electrically operated doors From the inside with electrically operated sliding			
pensation galvanized and shot blasted • Radio remote control • Automatic closing in combination with traffic • Traffic control	•	■ Torsion springs with lateral load-bearing cables,			
■ Traffic control				0 0 ,	
Special- Casing, fixed panels matching door,					ghts
equipement stop rail; special RAL-colours optional			equipement		





Sectional door SL 80

Aluminium frame construction infilled with 43 mm synthetic triple glazing





