

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
ADK	L-200	Aperto 868 L	x	x
ADK	L-200	Aperto 868 LX	x	x
ADK	L-200	Aperto 868 S	x	x
ADK	L-200	duo 500 S	x	x
ADK	L-200	duo 500 SL	x	x
ADK	L-200	duo 650 SL	x	x
ADK	L-200	marathon 550 SL	x	x
ADK	L-200	marathon 800 SL	x	x
ADK	L-200	marathon 1100 SL	x	x
ADK	L-200	sprint 550 S	x	x
ADK	L-200	sprint 550 SL	x	x
ADK	L-70	Aperto 868 L	x	x
ADK	L-70	Aperto 868 LX	x	x
ADK	L-70	Aperto 868 S	x	x
ADK	L-70	duo 500 S	x	x
ADK	L-70	duo 500 SL	x	x
ADK	L-70	duo 650 SL	x	x
ADK	L-70	marathon 550 SL	x	x
ADK	L-70	marathon 800 SL	x	x
ADK	L-70	marathon 1100 SL	x	x
ADK	L-70	sprint 550 S	x	x
ADK	L-70	sprint 550 SL	x	x
AKM	GT 300	Aperto 868 L	x	x
AKM	GT 300	Aperto 868 LX	x	x
AKM	GT 300	duo 650 SL	x	x
AKM	GT 300	marathon 800 SL	x	x
AKM	GT 300	marathon 1100 SL	x	x
AKM	GT 600	duo 650 SL	x	x
AKM	GT 600	Aperto 868 L	x	x
AKM	GT 600	Aperto 868 LX	x	x
AKM	GT 600	marathon 800 SL	x	x
AKM	GT 600	marathon 1100 SL	x	x
All-Port bvba	Apo 100 und Apo 100s	Aperto 868 L	x	x
All-Port bvba	Apo 100 und Apo 100s	Aperto 868 LX	x	x
All-Port bvba	Apo 100 und Apo 100s	Aperto Baseline	x	x
All-Port bvba	Apo 100 und Apo 100s	duo 500 SL	x	x
All-Port bvba	Apo 100 und Apo 100s	duo 650 SL	x	x
All-Port bvba	Apo 100 und Apo 100s	marathon 550 SL	x	x
All-Port bvba	Apo 100 und Apo 100s	marathon 800 SL	x	x
All-Port bvba	Apo 100 und Apo 100s	sprint 550 SL	x	x
Astec	DOMOTEC	duo 500 SL	x	x
Astec	DOMOTEC	duo 650 SL	x	x
Astec	DOMOTEC	duo 800 SL	x	x
Astec	DOMOTEC	Aperto 868 L	x	x
Astec	DOMOTEC	Aperto 868 LX	x	x
Beditom	Standard lift STL	Aperto 868 L	x	x
Beditom	Standard lift STL	Aperto 868 LX	x	x
Beditom	Standard lift STL	duo 500 SL	x	x
Beditom	Standard lift STL	duo 650 SL	x	x

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Beditom	Standard lift STL	marathon 550 SL	x	x
Beditom	Standard lift STL	marathon 800 SL	x	x
Beditom	Standard lift STL	marathon 1100 SL	x	x
Beditom	Standard lift STL	sprint 550 SL	x	x
Belu Tec	8M202	duo 650 SL	x	x
Belu Tec	8M202	marathon 550 SL	x	x
Belu Tec	8M202	sprint 550 SL	x	x
Belu Tec	8M202	Aperto 868 L	x	x
Belu Tec	8M202	Aperto 868 LX	x	x
Belu Tec	8PXXX	duo 650 SL	x	x
Belu Tec	8PXXX	marathon 550 SL	x	x
Belu Tec	8PXXX	sprint 550 SL	x	x
Belu Tec	8PXXX	Aperto 868 L	x	x
Belu Tec	8PXXX	Aperto 868 LX	x	x
Belu Tec	6PXX / 6M202	Aperto 868 L	x	x
Belu Tec	6PXX / 6M202	Aperto 868 LX	x	x
Belu Tec	6PXX / 6M202	Aperto Baseline	x	x
Belu Tec	6PXX / 6M202	duo 500 SL	x	x
Belu Tec	6PXX / 6M202	duo 650 SL	x	x
Belu Tec	6PXX / 6M202	duo 800 SL	x	x
Belu Tec	6PXX / 6M202	marathon 550 SL	x	x
Belu Tec	6PXX / 6M202	marathon 800 SL	x	x
Belu Tec	6PXX / 6M202	marathon 1100 SL	x	x
Belu Tec	5PXX	Aperto 868 L	x	x
Belu Tec	5PXX	Aperto 868 LX	x	x
Belu Tec	5PXX	Aperto Baseline	x	x
Belu Tec	5PXX	duo 500 SL	x	x
Belu Tec	5PXX	duo 650 SL	x	x
Belu Tec	5PXX	duo 800 SL	x	x
Belu Tec	5PXX	marathon 550 SL	x	x
Belu Tec	5PXX	marathon 800 SL	x	x
Belu Tec	5PXX	marathon 1100 SL	x	x
Breda	Domus Line	Aperto 868 L	x	x
Breda	Domus Line	Aperto 868 LX	x	x
Breda	Domus Line	Aperto Baseline	x	x
Breda	Domus Line	duo 500 SL	x	x
Breda	Domus Line	duo 650 SL	x	x
Breda	Domus Line	duo 800 SL	x	x
Breda	Domus Line	marathon 800 SL	x	x
Breda	Domus Line	marathon tiga 800 SL	x	x
Breda	Domus Line	sprint 550 SL	x	x
Breda	Domus Line	sprint 800 SL	x	x
C.M.T.	LHF	Aperto 868 L	x	x
C.M.T.	LHF	Aperto 868 LX	x	x
C.M.T.	LHF	Aperto 868 S	x	x
C.M.T.	LHR	Aperto 868 L	x	x
C.M.T.	LHR	Aperto 868 LX	x	x
C.M.T.	LHF	duo 500 S	x	x
C.M.T.	LHR	duo 500 SL	x	x

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C.M.T.	LHF	duo 500 SL	x	x
C.M.T.	LHR	duo 650 SL	x	x
C.M.T.	LHF	duo 650 SL	x	x
C.M.T.	LHR	marathon 550 SL	x	x
C.M.T.	LHF	marathon 550 SL	x	x
C.M.T.	LHR	marathon 800 SL	x	x
C.M.T.	LHF	marathon 800 SL	x	x
C.M.T.	LHR	marathon 1100 SL	x	x
C.M.T.	LHF	marathon 1100 SL	x	x
C.M.T.	LHR	sprint 550 S	x	x
C.M.T.	LHF	sprint 550 S	x	x
C.M.T.	LHR	sprint 550 SL	x	x
C.M.T.	LHF	sprint 550 SL	x	x
Canmar N.V.	Cando	Aperto 868 L	x	x
Canmar N.V.	Cando	Aperto 868 LX	x	x
Canmar N.V.	Cando	Aperto 868 S	x	x
Canmar N.V.	Cando	duo 500 S	x	x
Canmar N.V.	Cando	duo 500 SL	x	x
Canmar N.V.	Cando	duo 650 SL	x	x
Canmar N.V.	Cando	duo 800 SL	x	x
Cardo Doors	Crawford Consul	Aperto 868 L	x	x
Cardo Doors	Crawford Consul	Aperto 868 LX	x	x
Cardo Doors	Crawford Consul	duo 650 SL	x	x
Cardo Doors	Crawford Consul	sprint 550 SL	x	x
Cardale	Gemini	Aperto 868 L	x	x
Cardale	Gemini	Aperto 868 LX	x	x
Cardale	Gemini	Aperto Baseline	x	x
Cardale	Gemini	duo 500 SL	x	x
Cardale	Gemini	duo 650 SL	x	x
Cardale	Gemini	duo 800 SL	x	x
Cardale	Gemini	marathon 800 SL	x	x
Cardale	Gemini	marathon tiga 800 SL	x	x
Cardale	Gemini	sprint 550 SL	x	x
Cardale	Gemini	sprint 800 SL	x	x
Corsaro & Lisco	SFEROX	Aperto 868 L	x	x
Corsaro & Lisco	SFEROX	Aperto 868 LX	x	x
Corsaro & Lisco	SFEROX	Aperto Baseline	x	x
Corsaro & Lisco	SFEROX	duo 500 SL	x	x
Corsaro & Lisco	SFEROX	duo 650 SL	x	x
Corsaro & Lisco	SFEROX	duo 800 SL	x	x
Corsaro & Lisco	SFEROX	marathon 800 SL	x	x
Corsaro & Lisco	SFEROX	marathon tiga 800 SL	x	x
Corsaro & Lisco	SFEROX	sprint 550 SL	x	x
Corsaro & Lisco	SFEROX	sprint 800 SL	x	x
Crawford Door AB	Consul-CD	marathon 1100 SL	x	x
De Goeij Deuren	GDB	Aperto 868 L	x	x
De Goeij Deuren	GDB	Aperto 868 LX	x	x
De Goeij Deuren	GDB	duo 500 SL	x	x
De Goeij Deuren	GDB	duo 650 SL	x	x

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De Goeij Deuren	GDB	marathon 550 SL	x	x
De Goeij Deuren	GDB	marathon 800 SL	x	x
De Goeij Deuren	GDB	marathon 1100 SL	x	x
De Goeij Deuren	GDB	sprint 550 SL	x	x
della vecchia	BASIA / LUNA	Aperto 868 L	x	x
della vecchia	BASIA / LUNA	Aperto Baseline	x	x
della vecchia	BASIA / LUNA	duo 500 SL	x	x
della vecchia	BASIA / LUNA	duo 650 SL	x	x
della vecchia	BASIA / LUNA	sprint 550 SL	x	x
della vecchia	DOMA / INNOVA	Aperto 868 L	x	x
della vecchia	DOMA / INNOVA	Aperto 868 LX	x	x
della vecchia	DOMA / INNOVA	Aperto Baseline	x	x
della vecchia	DOMA / INNOVA	duo 500 SL	x	x
della vecchia	DOMA / INNOVA	duo 650 SL	x	x
della vecchia	DOMA / INNOVA	duo 800 SL	x	x
della vecchia	DOMA / INNOVA	marathon 550 SL	x	x
della vecchia	DOMA / INNOVA	marathon 800 SL	x	x
della vecchia	DOMA / INNOVA	marathon 1100 SL	x	x
della vecchia	Innova Plus / Doma Plus	Aperto 868 L	x	x
della vecchia	Innova Plus / Doma Plus	Aperto Baseline	x	x
della vecchia	Innova Plus / Doma Plus	duo 500 SL	x	x
della vecchia	Innova Plus / Doma Plus	duo 650 SL	x	x
della vecchia	Innova Plus / Doma Plus	sprint 550 SL	x	x
della vecchia	SUBLIMA Plus / STELLA Plus	Aperto 868 L	x	x
della vecchia	SUBLIMA Plus / STELLA Plus	Aperto Baseline	x	x
della vecchia	SUBLIMA Plus / STELLA Plus	duo 500 SL	x	x
della vecchia	SUBLIMA Plus / STELLA Plus	duo 650 SL	x	x
della vecchia	SUBLIMA Plus / STELLA Plus	sprint 550 SL	x	x
della vecchia	SUBLIMA / STELLA	Aperto 868 L	x	x
della vecchia	SUBLIMA / STELLA	Aperto Baseline	x	x
della vecchia	SUBLIMA / STELLA	duo 500 SL	x	x
della vecchia	SUBLIMA / STELLA	duo 650 SL	x	x
della vecchia	SUBLIMA / STELLA	sprint 550 SL	x	x
Dieden	favorit	Aperto 868 L	x	x
Dieden	favorit	Aperto 868 LX	x	x
Dieden	favorit	Aperto 868 S	x	x
Dieden	favorit	Aperto 868 SX	x	x
Dieden	favorit	duo 500 S	x	x
Dieden	favorit	duo 500 SL	x	x
Dieden	favorit	duo 650 SL	x	x
Dieden	favorit	duo 800 S	x	x
Dieden	favorit	duo 800 SL	x	x
Dieden	favorit	marathon 550 SL	x	x
Dieden	favorit	marathon 800 SL	x	x
Dieden	favorit	marathon 1100 SL	x	x
Dieden Porten	Favorit Standard	Aperto 868 L	x	x
Dieden Porten	Favorit Standard	Aperto 868 LX	x	x
Dieden Porten	Favorit Standard	duo 650 SL	x	x
Dieden Porten	Favorit Standard	duo 800 SL	x	x

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Dieden Porten	Favorit Standard	marathon 550 SL	x	x
Dieden Porten	Favorit Standard	sprint 550 SL	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Teckentrup	Aperto 868 L	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Teckentrup	Aperto 868 LX	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Teckentrup	duo 500 S	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Teckentrup	duo 650 SL	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Teckentrup	duo 800 SL	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Teckentrup	marathon 800 SL	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Bremet	Aperto 868 L	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Bremet	Aperto 868 LX	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Bremet	duo 500 S	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Bremet	duo 650 SL	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Bremet	duo 800 SL	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Bremet	marathon 800 SL	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Thyssen-Hoesch	Aperto 868 L	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Thyssen-Hoesch	Aperto 868 LX	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Thyssen-Hoesch	duo 500 S	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Thyssen-Hoesch	duo 650 S	x	x

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Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Thyssen-Hoesch	duo 800 SL	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Thyssen-Hoesch	marathon 800 SL	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Apco / Kingspan	Aperto 868 L	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Apco / Kingspan	Aperto 868 LX	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Apco / Kingspan	duo 500 S	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Apco / Kingspan	duo 650 SL	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Apco / Kingspan	duo 800 SL	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Apco / Kingspan	marathon 800 SL	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Ryterna	Aperto 868 LX	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Ryterna	duo 800 SL	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Ryterna	marathon 800 SL	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Ryterna	marathon tiga 800 SL	x	x
Doco International BV	Beschlägesets: LF 70, LF 220 Paneele: Ryterna	sprint 800 SL	x	x
Dupont Poorten BVBA	Sektional-Garagentor	Aperto 868 L	x	x
Dupont Poorten BVBA	Sektional-Garagentor	Aperto 868 LX	x	x
Dupont Poorten BVBA	Sektional-Garagentor	Aperto 868 S	x	x
Dupont Poorten BVBA	Sektional-Garagentor	duo 500 S	x	x
Dupont Poorten BVBA	Sektional-Garagentor	duo 500 SL	x	x
Dupont Poorten BVBA	Sektional-Garagentor	duo 650 SL	x	x
Dupont Poorten BVBA	Sektional-Garagentor	duo 800 SL	x	x
Dupont Poorten BVBA	Sektional-Garagentor	marathon 550 SL	x	x
Dupont Poorten BVBA	Sektional-Garagentor	marathon 800 SL	x	x
Dupont Poorten BVBA	Sektional-Garagentor	marathon 1100 SL	x	x
Dupont Poorten BVBA	Sektional-Garagentor	sprint 550 S	x	x
Dupont Poorten BVBA	Sektional-Garagentor	sprint 550 SL	x	x

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Ecran (Francia Flex)	PSR	Aperto 868 L	x	x
Ecran (Francia Flex)	PSR	Aperto Baseline	x	x
Ecran (Francia Flex)	PSR	duo 500 SL	x	x
Ecran (Francia Flex)	PSR	duo 650 SL	x	x
Edsby Porten AB	Edsby Porten GVP 801	Aperto 868 L	x	x
Edsby Porten AB	Edsby Porten GVP 801	Aperto Baseline	x	x
Edsby Porten AB	Edsby Porten GVP 801	duo 500 SL	x	x
Edsby Porten AB	Edsby Porten GVP 801	duo 650 SL	x	x
Edsby Porten AB	Edsby Porten GVP 801	sprint 550 SL	x	x
Elge	Elge	Aperto 868 L	x	x
Elge	Elge	Aperto 868 LX	x	x
Elge	Elge	Aperto Baseline	x	x
Elge	Elge	duo 500 SL	x	x
Elge	Elge	duo 650 SL	x	x
Elge	Elge	marathon 800 SL	x	x
Elge	Beschlagesets: RES-X, RES70 und RES200 Paneele: Kingspan	Aperto 868 L	x	x
Elge	Beschlagesets: RES-X, RES70 und RES200 Paneele: Kingspan	Aperto 868 LX	x	x
Elge	Beschlagesets: RES-X, RES70 und RES200 Paneele: Kingspan	duo 500 SL	x	x
Elge	Beschlagesets: RES-X, RES70 und RES200 Paneele: Kingspan	duo 650 SL	x	x
Elge	Beschlagesets: RES-X, RES70 und RES200 Paneele: Kingspan	duo 800 SL	x	x
Elge	Beschlagesets: RES-X, RES70 und RES200 Paneele: Kingspan	marathon 800 SL	x	x
Feldmann Torbau	ALU-DGT	Aperto 868 L	x	x
Feldmann Torbau	ALU-DGT	Aperto 868 LX	x	x
Feldmann Torbau	ALU-DGT	duo 500 SL	x	x
Feldmann Torbau	ALU-DGT	duo 650 SL	x	x
Feldmann Torbau	ALU-DGT	duo 800 SL	x	x
Feldmann Torbau	ALU-DGT	marathon 550 SL	x	x
Feldmann Torbau	ALU-DGT	marathon 800 SL	x	x
Feldmann Torbau	ALU-DGT	marathon 1100 SL	x	x
FlexiForce	Beschlagesets: RES-X, RES70 und RES200 Paneele: Bremet SpA	Aperto 868 L	x	x
FlexiForce	Beschlagesets: RES-X, RES70 und RES200 Paneele: Bremet SpA	Aperto 868 LX	x	x
FlexiForce	Beschlagesets: RES-X, RES70 und RES200 Paneele: Bremet SpA	Aperto Baseline	x	x

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FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Bremet SpA	duo 500 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Bremet SpA	duo 650 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Bremet SpA	duo 800 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Bremet SpA	marathon 550 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Bremet SpA	marathon 800 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Bremet SpA	marathon 1100 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Kingspan Europe S.A.	Aperto 868 L	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Kingspan Europe S.A.	Aperto 868 LX	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Kingspan Europe S.A.	Aperto Baseline	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Kingspan Europe S.A.	duo 500 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Kingspan Europe S.A.	duo 650 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Kingspan Europe S.A.	duo 800 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Kingspan Europe S.A.	marathon 550 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Kingspan Europe S.A.	marathon 800 SL	x	x

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FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Kingspan Europe S.A.	marathon 1100 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Tecsedo SA	Aperto 868 L	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Tecsedo SA	Aperto 868 LX	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Tecsedo SA	Aperto Baseline	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Tecsedo SA	duo 500 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Tecsedo SA	duo 650 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Tecsedo SA	duo 800 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Tecsedo SA	marathon 550 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Tecsedo SA	marathon 800 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Tecsedo SA	marathon 1100 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Ryterna UAB	Aperto 868 L	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Ryterna UAB	Aperto 868 LX	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Ryterna UAB	Aperto Baseline	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Ryterna UAB	duo 500 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Ryterna UAB	duo 650 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Ryterna UAB	duo 800 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Pannee: Ryterna UAB	marathon 550 SL	x	x

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FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Ryterna UAB	marathon 800 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Ryterna UAB	marathon 1100 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Inter Door Line	Aperto 868 L	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Inter Door Line	Aperto 868 LX	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Inter Door Line	Aperto Baseline	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Inter Door Line	duo 500 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Inter Door Line	duo 650 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Inter Door Line	duo 800 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Inter Door Line	marathon 550 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Inter Door Line	marathon 800 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Inter Door Line	marathon 1100 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	Aperto 868 L	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	Aperto 868 LX	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	Aperto Baseline	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	duo 500 SL	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	duo 650 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	duo 800 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	marathon 550 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	marathon 800 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	marathon 1100 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Lindab Profil A/S	Aperto 868 L	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Lindab Profil A/S	Aperto 868 LX	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Lindab Profil A/S	Aperto Baseline	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Lindab Profil A/S	duo 500 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Lindab Profil A/S	duo 650 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Lindab Profil A/S	duo 800 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Lindab Profil A/S	marathon 550 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Lindab Profil A/S	marathon 800 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Lindab Profil A/S	marathon 1100 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Teckentrup	Aperto 868 L	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Teckentrup	Aperto 868 LX	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Teckentrup	Aperto Baseline	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Teckentrup	duo 500 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Teckentrup	duo 650 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Teckentrup	duo 800 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Teckentrup	marathon 550 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Teckentrup	marathon 800 SL	x	x
FlexiForce	Beschlägesets: RES-X, RES70 und RES200 Paneele: Teckentrup	marathon 1100 SL	x	x
France Fermetures	MIAMI	Aperto 868 L	x	x
France Fermetures	MIAMI	Aperto 868 LX	x	x
France Fermetures	MIAMI	Aperto Baseline	x	x
France Fermetures	MIAMI	duo 500 SL	x	x
France Fermetures	MIAMI	duo 650 SL	x	x
France Fermetures	MIAMI	duo 800 SL	x	x
France Fermetures	MIAMI	marathon 800 SL	x	x
France Fermetures	MIAMI	marathon tiga 800 SL	x	x
France Fermetures	MIAMI	sprint 550 SL	x	x
France Fermetures	MIAMI	sprint 800 SL	x	x
Günther	Primus 100	Aperto 868 L	x	x
Günther	Primus 100	Aperto 868 LX	x	x
Günther	Primus 100	Aperto 868 S	x	x
Günther	Primus 100	Aperto Baseline	x	x
Günther	Primus 100	duo 500 S	x	x
Günther	Primus 100	duo 500 SL	x	x
Günther	Primus 100	duo 650 SL	x	x
Günther	Primus 100	duo 800 SL	x	x
Günther	Primus 100	marathon 550 SL	x	x
Günther	Primus 100	marathon 800 SL	x	x
Günther	Primus 100	marathon 1100 SL	x	x
Günther	Porta Prima	Porta Prima	x	x
Günther	Primus 100	sprint 550 S	x	x
Günther	Primus 100	sprint 550 SL	x	x
Guttomat	Steelline, Aluline DST	Aperto 868 L	x	x
Guttomat	Steelline, Aluline DST	Aperto 868 LX	x	x
Guttomat	Steelline, Aluline DST	duo 500 SL	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
Guttomat	Steelline, Aluline DST	duo 650 SL	x	x
Guttomat	Steelline, Aluline DST	duo 800 SL	x	x
Guttomat	Steelline, Aluline DST	marathon 550 SL	x	x
Guttomat	Steelline, Aluline DST	marathon 800 SL	x	x
Guttomat	Steelline, Aluline DST	marathon 1100 SL	x	x
GYPASS	Sektionaltor SFE1	Aperto 868 L	x	x
GYPASS	Sektionaltor SFE1	Aperto 868 LX	x	x
GYPASS	Sektionaltor SFE1	duo 500 SL	x	x
GYPASS	Sektionaltor SFE1	duo 650 SL	x	x
GYPASS	Sektionaltor SFE1	duo 800 SL	x	x
GYPASS	Sektionaltor SFE1	marathon 550 SL	x	x
GYPASS	Sektionaltor SFE1	marathon 800 SL	x	x
GYPASS	Sektionaltor SFE1	marathon 1100 SL	x	x
heroal	Deckentor DT 02	Aperto 868 L	x	x
heroal	Deckentor DT 02	Aperto 868 LX	x	x
heroal	Deckentor DT 02	duo 650 SL	x	x
Holder	Schwingtor	Aperto 868 L	x	x
Holder	Schwingtor	Aperto 868 LX	x	x
Holder	Schwingtor	duo 500 SL	x	x
Holder	Schwingtor	duo 650 SL	x	x
Holder	Schwingtor	duo 800 SL	x	x
Holder	Schwingtor	marathon 550 SL	x	x
Holder	Schwingtor	marathon 800 SL	x	x
Holder	Schwingtor	marathon 1100 SL	x	x
Hörmann	DF 98	Aperto 868 L	x	x
Hörmann	DF 98	Aperto 868 LX	x	x
Hörmann	DF 98	duo 500 SL	x	x
Hörmann	DF 98	duo 650 SL	x	x
Hörmann	DF 99	duo 800 SL	x	x
Hörmann	DF 98	marathon 550 SL	x	x
Hörmann	DF 99	marathon 800 SL	x	x
Hörmann	DF 98	marathon 1100 SL	x	x
Hörmann	Ecotherm	Aperto 868 L	x	x
Hörmann	Ecotherm	Aperto 868 LX	x	x
Hörmann	Ecotherm	Aperto 868 S	x	x
Hörmann	Ecotherm	Aperto 868 SX	x	x
Hörmann	Ecotherm	duo 500 S	x	x
Hörmann	Ecotherm	duo 500 SL	x	x
Hörmann	Ecotherm	duo 650 SL	x	x
Hörmann	Ecotherm	duo 800 S	x	x
Hörmann	Ecotherm	duo 800 SL	x	x
Hörmann	Ecotherm	marathon 550 SL	x	x
Hörmann	Ecotherm	marathon 800 SL	x	x
Hörmann	Ecotherm	marathon 1100 SL	x	x
Hörmann	LPU 40	Aperto 868 L	x	x
Hörmann	LPU 40	Aperto 868 LX	x	x
Hörmann	LPU 40	Aperto 868 S	x	x
Hörmann	LPU 40	Aperto 868 SX	x	x
Hörmann	LPU 40	duo 500 S	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
Hörmann	LPU 40	duo 500 SL	x	x
Hörmann	LPU 40	duo 650 SL	x	x
Hörmann	LPU 40	duo 800 S	x	x
Hörmann	LPU 40	duo 800 SL	x	x
Hörmann	LPU 40	marathon 550 SL	x	x
Hörmann	LPU 40	marathon 800 SL	x	x
Hörmann	LPU 40	marathon 1100 SL	x	x
Hörmann	N 80	Aperto 868 L	x	x
Hörmann	N 80	Aperto 868 LX	x	x
Hörmann	N 80	duo 500 SL	x	x
Hörmann	N 80	duo 650 SL	x	x
Hörmann	N 81	duo 800 SL	x	x
Hörmann	N 80	sprint 550 SL	x	x
Hörmann	N 80	sprint 800 SL	x	x
Hörmann	N 80	marathon 550 SL	x	x
Hörmann	N 80	marathon 800 SL	x	x
Hörmann	N 80	marathon 1100 SL	x	x
Hörmann	Series 200 retractable door	Aperto 868 L	x	x
Hörmann	Series 200 retractable door	Aperto 868 LX	x	x
Hörmann	Series 200 retractable door	Aperto Baseline	x	x
Hörmann	Series 200 retractable door	duo 500 SL	x	x
Hörmann	Series 200 retractable door	duo 650 SL	x	x
Hörmann	Series 200 retractable door	duo 800 SL	x	x
Hörmann	Series 200 retractable door	marathon 800 SL	x	x
Hörmann	Series 200 retractable door	marathon tiga 800 SL	x	x
Hörmann	Series 200 retractable door	sprint 550 SL	x	x
Hörmann	Series 200 retractable door	sprint 800 SL	x	x
Hörmann	Series 2000 canopy door	Aperto 868 L	x	x
Hörmann	Series 2000 canopy door	Aperto 868 LX	x	x
Hörmann	Series 2000 canopy door	Aperto Baseline	x	x
Hörmann	Series 2000 canopy door	duo 500 SL	x	x
Hörmann	Series 2000 canopy door	duo 650 SL	x	x
Hörmann	Series 2000 canopy door	duo 800 SL	x	x
Hörmann	Series 2000 canopy door	marathon 800 SL	x	x
Hörmann	Series 2000 canopy door	marathon tiga 800 SL	x	x
Hörmann	Series 2000 canopy door	sprint 550 SL	x	x
Hörmann	Series 2000 canopy door	sprint 800 SL	x	x
Hörmann KG	Ecoterm	Aperto 868 L	x	x
Hörmann KG	Ecoterm	duo 650 SL	x	x
Hörmann KG	Ecoterm	marathon 550 SL	x	x
Hörmann KG	Ecoterm	sprint 550 SL	x	x
Hörmann KG	LPU40	Aperto 868 L	x	x
Hörmann KG	LPU40	Aperto 868 LX	x	x
Hörmann KG	LPU40	duo 650 SL	x	x
Hörmann KG	LPU40	marathon 550 SL	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
Hörmann KG	LPU40	marathon 800 SL	x	x
Hörmann KG	LPU40	sprint 550 SL	x	x
Hörmann KG	LPU40	sprint 800 SL	x	x
Hörmann KG	LPU40-141	Aperto 868 LX	x	x
Hörmann KG	LPU40-141	duo 650 SL	x	x
Hörmann KG	LPU40-141	marathon 800 SL	x	x
Hörmann KG	LPU40-141	sprint 800 SL	x	x
ISEA	Sektionaltor	Aperto 868 L	x	x
ISEA	Sektionaltor	Aperto Baseline	x	x
ISEA	Sektionaltor	duo 500 SL	x	x
ISEA	Sektionaltor	duo 650 SL	x	x
J.A.B.	Seitensektionaltor	Aperto 868 LX	x	x
J.A.B.	Seitensektionaltor	duo 800 SL	x	x
J.A.B.	Seitensektionaltor	marathon 800 SL	x	x
J.A.B.	Sektionaltor	Aperto 868 L	x	x
J.A.B.	Sektionaltor	Aperto 868 LX	x	x
J.A.B.	Sektionaltor	duo 500 SL	x	x
J.A.B.	Sektionaltor	duo 650 SL	x	x
J.A.B.	Sektionaltor	duo 800 SL	x	x
J.A.B.	Sektionaltor	marathon 550 SL	x	x
J.A.B.	Sektionaltor	marathon 800 SL	x	x
J.A.B.	Sektionaltor	marathon 1100 SL	x	x
Javey	Beschlägesets: RES-X, RES70 und RES200 Paneele: Kingspan (Apco)	Aperto 868 L	x	x
Javey	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	Aperto Baseline	x	x
Javey	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	duo 500 SL	x	x
Javey	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	duo 650 SL	x	x
Javey	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	sprint 550 SL	x	x
Javey	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	Aperto 868 L	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
Javey	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	Aperto Baseline	x	x
Javey	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	duo 500 SL	x	x
Javey	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	duo 650 SL	x	x
Javey	Beschlägesets: RES-X, RES70 und RES200 Paneele: ThyssenKrupp Hoesch	sprint 550 SL	x	x
Javey	Beschlägesets: RES-X, RES70 und RES200 Paneele: Rhyterna	Aperto 868 L	x	x
Javey	Beschlägesets: RES-X, RES70 und RES200 Paneele: Rhyterna	Aperto Baseline	x	x
Javey	Beschlägesets: RES-X, RES70 und RES200 Paneele: Rhyterna	duo 500 SL	x	x
Javey	Beschlägesets: RES-X, RES70 und RES200 Paneele: Rhyterna	duo 650 SL	x	x
Javey	Beschlägesets: RES-X, RES70 und RES200 Paneele: Rhyterna	sprint 550 SL	x	x
Lakal	DLT-75	Aperto 868 L	x	x
Lakal	DLT-75	Aperto 868 LX	x	x
Lakal	DLT-75	duo 500 S	x	x
Lakal	DLT-75	duo 650 SL	x	x
Lakal	DLT-75	duo 800 SL	x	x
Lakal	DLT-75	marathon 550 SL	x	x
Lakal	DLT-75	marathon 800 SL	x	x
Lakal	DLT-75	sprint 550 S	x	x
Lakal	DLT-75	sprint 550 SL	x	x
Lindab	doorline	Aperto 868 L	x	x
Lindab	doorline	Aperto 868 LX	x	x
Lindab	doorline	Aperto 868 S	x	x
Lindab	doorline	Aperto 868 SX	x	x
Lindab	doorline	duo 500 S	x	x
Lindab	doorline	duo 500 SL	x	x
Lindab	doorline	duo 650 SL	x	x
Lindab	doorline	duo 800 S	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
Lindab	doorline	duo 800 SL	x	x
Lindab	doorline	marathon 550 SL	x	x
Lindab	doorline	marathon 800 SL	x	x
Lindab	doorline	marathon 1100 SL	x	x
Lindab A/S	Doorline	Aperto 868 L	x	x
Lindab A/S	Doorline	Aperto 868 LX	x	x
Lindab A/S	Doorline	duo 650 SL	x	x
Lindab A/S	Doorline	duo 800 SL	x	x
Lindab A/S	Doorline	marathon 800 SL	x	x
Lindab A/S	Doorline	sprint 550 SL	x	x
Matrix Doors	SHA 40	sprint 550 SL	x	x
Matrix Doors	SHA 40	Aperto 868 L	x	x
Matrix Doors	SHA 40	Aperto 868 LX	x	x
Matrix Doors	SHA 40	Aperto 868 S	x	x
Matrix Doors	SHA 40	duo 500 S	x	x
Matrix Doors	SHA 40	duo 500 SL	x	x
Matrix Doors	SHA 40	duo 650 SL	x	x
Matrix Doors	SHA 40	duo 800 SL	x	x
Matrix Doors	SHA 40	marathon 550 SL	x	x
Matrix Doors	SHA 40	marathon 800 SL	x	x
Matrix Doors	SHA 40	marathon 1100 SL	x	x
Matrix Doors	SHA 40	sprint 550 S	x	x
Matrix Doors	SVA 40	Aperto 868 L	x	x
Matrix Doors	SVA 40	Aperto 868 LX	x	x
Matrix Doors	SVA 40	Aperto 868 S	x	x
Matrix Doors	SVA 40	duo 500 S	x	x
Matrix Doors	SVA 40	duo 500 SL	x	x
Matrix Doors	SVA 40	duo 650 SL	x	x
Matrix Doors	SVA 40	duo 800 SL	x	x
Matrix Doors	SVA 40	marathon 550 SL	x	x
Matrix Doors	SVA 40	marathon 800 SL	x	x
Matrix Doors	SVA 40	marathon 1100 SL	x	x
Matrix Doors	SVA 40	sprint 550 S	x	x
Matrix Doors	SVA 40	sprint 550 SL	x	x
McArthur Group	Double Carlton	Aperto 868 L	x	x
McArthur Group	Double Carlton	Aperto 868 LX	x	x
McArthur Group	Double Carlton	Aperto Baseline	x	x
McArthur Group	Double Carlton	duo 500 SL	x	x
McArthur Group	Double Carlton	duo 650 SL	x	x
McArthur Group	Double Carlton	duo 800 SL	x	x
McArthur Group	Double Carlton	marathon 800 SL	x	x
McArthur Group	Double Carlton	marathon tiga 800 SL	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
McArthur Group	Double Carlton	sprint 550 SL	x	x
McArthur Group	Double Carlton	sprint 800 SL	x	x
Memminger Torbau	Schwingtor	Aperto 868 L	x	x
Memminger Torbau	Schwingtor	Aperto 868 LX	x	x
Memminger Torbau	Schwingtor	duo 500 SL	x	x
Memminger Torbau	Schwingtor	duo 650 SL	x	x
Memminger Torbau	Schwingtor	duo 800 SL	x	x
Memminger Torbau	Schwingtor	marathon 550 SL	x	x
Memminger Torbau	Schwingtor	marathon 800 SL	x	x
Memminger Torbau	Schwingtor	marathon 1100 SL	x	x
Nassau Door A/S	AE 9000F SL	Aperto 868 L	x	x
Nassau Door A/S	AE 9000F LH	Aperto 868 L	x	x
Nassau Door A/S	AE 9000F SL	Aperto 868 LX	x	x
Nassau Door A/S	AE 9000F LH	Aperto 868 LX	x	x
Nassau Door A/S	AE 9000F SL	Aperto 868 S	x	x
Nassau Door A/S	AE 9000F LH	Aperto 868 S	x	x
Nassau Door A/S	AE 9000F SL	duo 500 S	x	x
Nassau Door A/S	AE 9000F LH	duo 500 S	x	x
Nassau Door A/S	AE 9000F SL	duo 500 SL	x	x
Nassau Door A/S	AE 9000F LH	duo 500 SL	x	x
Nassau Door A/S	AE 9000F SL	duo 650 SL	x	x
Nassau Door A/S	AE 9000F LH	duo 650 SL	x	x
Nassau Door A/S	AE 9000F SL	duo 800 SL	x	x
Nassau Door A/S	AE 9000F LH	duo 800 SL	x	x
Nassau Door A/S	AE 9000F SL	marathon 550 SL	x	x
Nassau Door A/S	AE 9000F LH	marathon 550 SL	x	x
Nassau Door A/S	AE 9000F SL	marathon 800 SL	x	x
Nassau Door A/S	AE 9000F LH	marathon 800 SL	x	x
Nassau Door A/S	AE 9000F SL	marathon 1100 SL	x	x
Nassau Door A/S	AE 9000F LH	marathon 1100 SL	x	x
Nassau Door A/S	AE 9000F SL	sprint 550 S	x	x
Nassau Door A/S	AE 9000F LH	sprint 550 S	x	x
Nassau Door A/S	AE 9000F SL	sprint 550 SL	x	x
Nassau Door A/S	AE 9000F LH	sprint 550 SL	x	x
NBS NV-Doormen	DMSL/Vo-N70/22-V	Aperto 868 L	x	x
NBS NV-Doormen	DMSL/Vo-N70/22-V	Aperto 868 LX	x	x
NBS NV-Doormen	DMSL/Vo-N70/22-V	Aperto 868 S	x	x
NBS NV-Doormen	DMSL/Vo-N70/22-V	duo 500 S	x	x
NBS NV-Doormen	DMSL/Vo-N70/22-V	duo 500 SL	x	x
NBS NV-Doormen	DMSL/Vo-N70/22-V	duo 650 SL	x	x
NBS NV-Doormen	DMSL/Vo-N70/22-V	duo 800 SL	x	x
NBS NV-Doormen	DMSL/Vo-N70/22-V	marathon 550 SL	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
NBS NV-Doormen	DMSL/Vo-N70/22-V	marathon 800 SL	x	x
NBS NV-Doormen	DMSL/Vo-N70/22-V	sprint 550 S	x	x
NBS NV-Doormen	DMSL/Vo-N70/22-V	sprint 550 SL	x	x
NBS NV-Doormen	DMWZ-N-200-V	Aperto 868 L	x	x
NBS NV-Doormen	DMWZ-N-200-V	Aperto 868 LX	x	x
NBS NV-Doormen	DMWZ-N-200-V	duo 650 SL	x	x
NBS NV-Doormen	DMWZ-N-200-V	duo 800 SL	x	x
NBS NV-Doormen	DMWZ-N-200-V	marathon 550 SL	x	x
NBS NV-Doormen	DMWZ-N-200-V	marathon 800 SL	x	x
NBS NV-Doormen	DMWZ-N-200-V	marathon 1100 SL	x	x
NBS NV-Doormen	DMWZ-N-200-V	sprint 550 S	x	x
NBS NV-Doormen	DMWZ-N-200-V	sprint 550 SL	x	x
Normstahl GmbH	Euroline ISO	Aperto 868 L	x	x
Normstahl GmbH	Euroline ISO	Aperto 868 LX	x	x
Normstahl GmbH	Euroline ISO	duo 500 SL	x	x
Normstahl GmbH	Euroline ISO	duo 650 SL	x	x
Normstahl GmbH	Euroline ISO	marathon 550 SL	x	x
Normstahl GmbH	Euroline ISO	marathon 800 SL	x	x
Normstahl GmbH	Euroline ISO	marathon 1100 SL	x	x
Normstahl GmbH	Euroline ISO	sprint 800 SL	x	x
Normstahl GmbH	Eurotrans Wood	Aperto 868 L	x	x
Normstahl GmbH	Eurotrans Wood	Aperto 868 LX	x	x
Normstahl GmbH	Eurotrans Wood	duo 500 SL	x	x
Normstahl GmbH	Eurotrans Wood	duo 650 SL	x	x
Normstahl GmbH	Eurotrans Wood	marathon 550 SL	x	x
Normstahl GmbH	Eurotrans Wood	marathon 800 SL	x	x
Normstahl GmbH	Eurotrans Wood	marathon 1100 SL	x	x
Normstahl GmbH	Eurotrans Wood	sprint 800 SL	x	x
Normstahl GmbH	G 30	Aperto 868 L	x	x
Normstahl GmbH	G 30	Aperto 868 LX	x	x
Normstahl GmbH	G 30	duo 500 SL	x	x
Normstahl GmbH	G 30	duo 650 SL	x	x
Normstahl GmbH	G 30	marathon 550 SL	x	x
Normstahl GmbH	G 30	marathon 1100 SL	x	x
Normstahl GmbH	Prominent	Aperto 868 L	x	x
Normstahl GmbH	Prominent	Aperto 868 LX	x	x
Normstahl GmbH	Prominent	duo 500 SL	x	x
Normstahl GmbH	Prominent	duo 650 SL	x	x
Normstahl GmbH	Prominent	marathon 550 SL	x	x
Normstahl GmbH	Prominent	marathon 1100 SL	x	x
Normstahl GmbH	Prominent	sprint 800 SL	x	x
Novoferm	iso 20	Aperto 868 L	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
Novoferm	iso 20	Aperto 868 LX	x	x
Novoferm	iso 20	duo 500 SL	x	x
Novoferm	iso 20	duo 650 SL	x	x
Novoferm	iso 20 ZF	Aperto 868 L	x	x
Novoferm	iso 20 ZF	Aperto 868 LX	x	x
Novoferm	iso 20 ZF	Aperto 868 S	x	x
Novoferm	iso 20 ZF	Aperto 868 SX	x	x
Novoferm	iso 20 ZF	duo 500 S	x	x
Novoferm	iso 20 ZF	duo 500 SL	x	x
Novoferm	iso 20 ZF	duo 650 SL	x	x
Novoferm	iso 20 ZF	duo 800 S	x	x
Novoferm	iso 20 ZF	duo 800 SL	x	x
Novoferm	iso 20 ZF	marathon 550 SL	x	x
Novoferm	iso 20 ZF	marathon 800 SL	x	x
Novoferm	iso 20 ZF	marathon 1100 SL	x	x
Novoferm	iso 45	Aperto 868 L	x	x
Novoferm	iso 45	Aperto 868 LX	x	x
Novoferm	iso 45	duo 650 SL	x	x
Novoferm	Komfort	Aperto 868 L	x	x
Novoferm	Komfort	Aperto 868 LX	x	x
Novoferm	Komfort	duo 650 SL	x	x
Novoferm	Komfort	marathon 800 SL	x	x
Novoferm	Magnum	Aperto 868 L	x	x
Novoferm	Magnum	Aperto 868 LX	x	x
Novoferm	Magnum	duo 500 SL	x	x
Novoferm GmbH	ISO 20 ZF	Aperto 868 L	x	x
Novoferm GmbH	ISO 20 ZF	Aperto 868 LX	x	x
Novoferm GmbH	ISO 20 ZF	Aperto 868 S	x	x
Novoferm GmbH	ISO 20 ZF	duo 500 S	x	x
Novoferm GmbH	ISO 20 ZF	duo 650 SL	x	x
Novoferm GmbH	ISO 20 ZF	marathon 550 SL	x	x
Novoferm GmbH	ISO 20 ZF	sprint 550 S	x	x
Novoferm GmbH	ISO 20 ZF	sprint 550 SL	x	x
Novoferm GmbH	Novoferm E	Aperto 868 S	x	x
Novoferm GmbH	Novoferm E	duo 500 S	x	x
Novoferm GmbH	Novoferm E	marathon 800 SL	x	x
Novoferm GmbH	Novoferm E	sprint 550 S	x	x
Novoferm Siebau	Renovia	Aperto 868 L	x	x
Novoferm Siebau	Renovia	Aperto 868 LX	x	x
Novoferm Siebau	Renovia	Aperto Baseline	x	x
Novoferm Siebau	Renovia	duo 500 SL	x	x
Novoferm Siebau	Renovia	duo 650 SL	x	x
Novoferm Siebau	Renovia	duo 800 SL	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
Novoferm Siebau	Renovia	marathon 800 SL	x	x
Novoferm Siebau	Renovia	marathon tiga 800 SL	x	x
Novoferm Siebau	Renovia	sprint 550 SL	x	x
Novoferm Siebau	Renovia	sprint 800 SL	x	x
Ouest Fermetures	PVC sectional door	Aperto 868 LX	x	x
Ouest Fermetures	PVC sectional door	duo 800 SL	x	x
Ouest Fermetures	PVC sectional door	marathon 800 SL	x	x
Ouest Fermetures	PVC sectional door	marathon tiga 800 SL	x	x
Ouest Fermetures	PVC sectional door	sprint 800 SL	x	x
P.C. Henderson	Canopy	Aperto 868 L	x	x
P.C. Henderson	Canopy	Aperto 868 LX	x	x
P.C. Henderson	Canopy	duo 500 SL	x	x
P.C. Henderson	Canopy	duo 650 SL	x	x
P.C. Henderson	Canopy	duo 800 SL	x	x
P.C. Henderson	Canopy	marathon 550 SL	x	x
P.C. Henderson	Canopy	marathon 800 SL	x	x
P.C. Henderson	Canopy	sprint 550 SL	x	x
P.C. Henderson	Double Tracked	Aperto 868 L	x	x
P.C. Henderson	Double Tracked	Aperto 868 LX	x	x
P.C. Henderson	Double Tracked	duo 500 SL	x	x
P.C. Henderson	Double Tracked	duo 650 SL	x	x
P.C. Henderson	Double Tracked	duo 800 SL	x	x
P.C. Henderson	Double Tracked	marathon 550 SL	x	x
P.C. Henderson	Double Tracked	marathon 800 SL	x	x
P.C. Henderson	Double Tracked	sprint 550 SL	x	x
P.C. Henderson	g 30	Aperto 868 L	x	x
P.C. Henderson	g 30	Aperto 868 LX	x	x
P.C. Henderson	g 30	Aperto 868 S	x	x
P.C. Henderson	g 30	duo 500 S	x	x
P.C. Henderson	g 30	duo 500 SL	x	x
P.C. Henderson	g 30	duo 650 SL	x	x
P.C. Henderson	g 30	duo 800 SL	x	x
P.C. Henderson	g 30	marathon 550 SL	x	x
P.C. Henderson	g 30	marathon 800 SL	x	x
P.C. Henderson	g 30	marathon 1100 SL	x	x
P.C. Henderson	g 30	sprint 550 S	x	x
P.C. Henderson	g 30	sprint 550 SL	x	x
P.C. Henderson	Optimizer	Aperto 868 L	x	x
P.C. Henderson	Optimizer	Aperto 868 LX	x	x
P.C. Henderson	Optimizer	duo 500 SL	x	x
P.C. Henderson	Optimizer	duo 650 SL	x	x
P.C. Henderson	Optimizer	duo 800 SL	x	x
P.C. Henderson	Optimizer	marathon 550 SL	x	x
P.C. Henderson	Optimizer	marathon 800 SL	x	x
P.C. Henderson	Optimizer	sprint 550 SL	x	x
P.C. Henderson	Single Tracked	Aperto 868 LX	x	x
P.C. Henderson	Single Tracked	duo 800 SL	x	x
P.C. Henderson	Single Tracked	sprint 550 SL	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
Pfullendorfer Tor-Systeme	Kipptor, Typ 11H	Aperto 868 L	x	x
Pfullendorfer Tor-Systeme	Kipptor, Typ 11H	Aperto 868 LX	x	x
Pfullendorfer Tor-Systeme	Kipptor, Typ 11H	Aperto Baseline	x	x
Pfullendorfer Tor-Systeme	Kipptor, Typ 11H	duo 500 SL	x	x
Pfullendorfer Tor-Systeme	Kipptor, Typ 11H	duo 650 SL	x	x
Pfullendorfer Tor-Systeme	Kipptor, Typ 11H	duo 800 SL	x	x
Pfullendorfer Tor-Systeme	Kipptor, Typ 11H	marathon 550 SL	x	x
Pfullendorfer Tor-Systeme	Kipptor, Typ 11H	marathon 800 SL	x	x
Pfullendorfer Tor-Systeme	Kipptor, Typ 11H	marathon 1100 SL	x	x
Pfullendorfer Tor-Systeme	Kipptor, Typ 11H	sprint 550 SL	x	x
Raynor	Affina	Aperto 868 L	x	x
Raynor	Affina	Aperto 868 LX	x	x
Raynor	Affina	duo 500 SL	x	x
Raynor	Affina	marathon 1100 SL	x	x
Raynor	Centura	Aperto 868 L	x	x
Raynor	Centura	Aperto 868 LX	x	x
Raynor	centura	Aperto 868 S	x	x
Raynor	centura	Aperto 868 SX	x	x
Raynor	centura	duo 500 S	x	x
Raynor	Centura	duo 500 SL	x	x
Raynor	Centura	duo 650 SL	x	x
Raynor	centura	duo 800 S	x	x
Raynor	centura	duo 800 SL	x	x
Raynor	Centura	marathon 550 SL	x	x
Raynor	Centura	marathon 800 SL	x	x
Raynor	Centura	marathon 1100 SL	x	x
Raynor	Centura	sprint 550 SL	x	x
Raynor	Prisma	Aperto 868 L	x	x
Raynor	Prisma	Aperto 868 LX	x	x
Raynor	Prisma	duo 500 SL	x	x
Raynor	Prisma	duo 650 SL	x	x
Raynor	Prisma	duo 800 SL	x	x
Raynor	Prisma	marathon 550 SL	x	x
Raynor	Prisma	marathon 800 SL	x	x
Raynor	Prisma	marathon 1100 SL	x	x
Raynor	Prisma	sprint 550 SL	x	x
Raynor	Relante	Aperto 868 L	x	x
Raynor	Relante	Aperto 868 LX	x	x
Raynor	Relante	duo 500 SL	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
Raynor	Relante	duo 650 SL	x	x
Raynor	Relante	duo 800 SL	x	x
Raynor	Relante	marathon 550 SL	x	x
Raynor	Relante	marathon 800 SL	x	x
Raynor	Relante	marathon 1100 SL	x	x
Raynor	Relante	sprint 550 SL	x	x
RG	Garagenschiebetor	Aperto 868 L	x	x
RG	Garagenschiebetor	Aperto 868 LX	x	x
RG	Garagenschiebetor	duo 650 SL	x	x
Ryterna	Thermoline	Aperto 868 L	x	x
Ryterna	Thermoline	Aperto 868 LX	x	x
Ryterna	Thermoline	Aperto 868 S	x	x
Ryterna	Thermoline	duo 500 S	x	x
Ryterna	Thermoline	duo 650 SL	x	x
Ryterna	Thermoline	duo 800 SL	x	x
Ryterna	Thermoline	sprint 550 S	x	x
Ryterna	Thermoline	sprint 550 SL	x	x
SECTIO-tech	Société SECTIO-tech	Aperto 868 L	x	x
SECTIO-tech	Société SECTIO-tech	Aperto 868 LX	x	x
SECTIO-tech	Société SECTIO-tech	Aperto Baseline	x	x
SECTIO-tech	Société SECTIO-tech	duo 500 SL	x	x
SECTIO-tech	Société SECTIO-tech	duo 650 SL	x	x
SECTIO-tech	Société SECTIO-tech	duo 800 SL	x	x
SECTIO-tech	Société SECTIO-tech	marathon 800 SL	x	x
Sothoform	Odysee	Aperto 868 L	x	x
Sothoform	Odysee	Aperto Baseline	x	x
Sothoform	Odysee	duo 500 SL	x	x
Sothoform	Odysee	duo 650 SL	x	x
Sothoform	Odysee	sprint 550 SL	x	x
Sothoform	ILIAD	Aperto 868 L	x	x
Sothoform	ILIAD	Aperto Baseline	x	x
Sothoform	ILIAD	duo 500 SL	x	x
Sothoform	ILIAD	duo 650 SL	x	x
Sothoform	ILIAD	sprint 550 SL	x	x
Spadone	Kipptor 101RH (Emblema)	Aperto 868 L	x	x
Spadone	Kipptor 101RH (Emblema)	Aperto Baseline	x	x
Spadone	Kipptor 101RH (Emblema)	duo 500 SL	x	x
Spadone	Kipptor 101RH (Emblema)	duo 650 SL	x	x
Spadone	Sektionaltor 199RV	Aperto 868 L	x	x
Spadone	Sektionaltor 199RV	Aperto Baseline	x	x
Spadone	Sektionaltor 199RV	duo 500 SL	x	x
Spadone	Sektionaltor 199RV	duo 650 SL	x	x
Staudinger GmbH	Schwingtor	Aperto 868 L	x	x
Staudinger GmbH	Schwingtor	Aperto 868 LX	x	x
Staudinger GmbH	Schwingtor	duo 500 SL	x	x
Staudinger GmbH	Schwingtor	duo 650 SL	x	x
Staudinger GmbH	Schwingtor	marathon 550 SL	x	x
Staudinger GmbH	Schwingtor	marathon 800 SL	x	x
Staudinger GmbH	Schwingtor	marathon 1100 SL	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
T.G.B	T80 B	Aperto 868 L	x	x
T.G.B	T80 B	Aperto 868 LX	x	x
T.G.B	T80 B	duo 500 SL	x	x
T.G.B	T80 B	duo 650 SL	x	x
T.G.B	T80 B	duo 800 SL	x	x
T.G.B	T80 B	marathon 550 SL	x	x
T.G.B	T80 B	marathon 800 SL	x	x
T.G.B	T80 B	marathon 1100 SL	x	x
T.G.B	T80 B	sprint 550 SL	x	x
T.G.B	TS80 SB	Aperto 868 L	x	x
T.G.B	TS80 SB	Aperto 868 LX	x	x
T.G.B	TS80 SB	duo 500 SL	x	x
T.G.B	TS80 SB	duo 650 SL	x	x
T.G.B	TS80 SB	duo 800 SL	x	x
T.G.B	TS80 SB	marathon 550 SL	x	x
T.G.B	TS80 SB	marathon 800 SL	x	x
T.G.B	TS80 SB	marathon 1100 SL	x	x
T.G.B	TS80 SB	sprint 550 SL	x	x
Teckentrup	DF	Aperto 868 L	x	x
Teckentrup	DF	Aperto 868 LX	x	x
Teckentrup	DF	duo 500 SL	x	x
Teckentrup	DF	duo 650 SL	x	x
Teckentrup	DF	duo 800 SL	x	x
Teckentrup	DF	marathon 800 SL	x	x
Teckentrup	DF	marathon 1100 SL	x	x
Teckentrup	DL	Aperto 868 L	x	x
Teckentrup	DL	Aperto 868 LX	x	x
Teckentrup	DL	duo 500 SL	x	x
Teckentrup	DL	duo 650 SL	x	x
Teckentrup	DL	duo 800 SL	x	x
Teckentrup	DL	marathon 800 SL	x	x
Teckentrup	DL	marathon 1100 SL	x	x
Teckentrup	GSW 20	Aperto 868 L	x	x
Teckentrup	GSW 20	Aperto 868 LX	x	x
Teckentrup	GSW 20	duo 650 SL	x	x
Teckentrup	GSW 20	marathon 550 SL	x	x
Teckentrup	GSW 20	marathon 800 SL	x	x
Teckentrup	GSW 40	Aperto 868 L	x	x
Teckentrup	GSW 40	Aperto 868 LX	x	x
Teckentrup	GSW 40	duo 500 SL	x	x
Teckentrup	GSW 40	duo 650 SL	x	x
Teckentrup	GSW 40	duo 800 SL	x	x
Teckentrup	GSW 40	marathon 550 SL	x	x
Teckentrup	GSW 40	marathon 800 SL	x	x
Torbau Brielmann GmbH	Schwingtor	Aperto 868 L	x	x
Torbau Brielmann GmbH	Schwingtor	Aperto 868 LX	x	x
Torbau Brielmann GmbH	Schwingtor	duo 500 SL	x	x
Torbau Brielmann GmbH	Schwingtor	duo 650 SL	x	x
Torbau Brielmann GmbH	Schwingtor	duo 800 SL	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



door manufacturer	type of door	type of operator	tested	certificate
Torbau Brielmann GmbH	Schwingtor	marathon 550 SL	x	x
Torbau Brielmann GmbH	Schwingtor	marathon 800 SL	x	x
Torbau Brielmann GmbH	Schwingtor	marathon 1100 SL	x	x
Torbau Schwaben GmbH	Schwingtor	Aperto 868 L	x	x
Torbau Schwaben GmbH	Schwingtor	Aperto 868 LX	x	x
Torbau Schwaben GmbH	Schwingtor	duo 500 SL	x	x
Torbau Schwaben GmbH	Schwingtor	duo 650 SL	x	x
Torbau Schwaben GmbH	Schwingtor	duo 800 SL	x	x
Torbau Schwaben GmbH	Schwingtor	marathon 550 SL	x	x
Torbau Schwaben GmbH	Schwingtor	marathon 800 SL	x	x
Torbau Schwaben GmbH	Schwingtor	marathon 1100 SL	x	x
TP Torbau GmbH	Schwingtor	Aperto 868 L	x	x
TP Torbau GmbH	Schwingtor	Aperto 868 LX	x	x
TP Torbau GmbH	Schwingtor	duo 500 SL	x	x
TP Torbau GmbH	Schwingtor	duo 650 SL	x	x
TP Torbau GmbH	Schwingtor	duo 800 SL	x	x
TP Torbau GmbH	Schwingtor	marathon 550 SL	x	x
TP Torbau GmbH	Schwingtor	marathon 800 SL	x	x
TP Torbau GmbH	Schwingtor	marathon 1100 SL	x	x
Vabo bvba	L3	Aperto 868 L	x	x
Vabo bvba	L3	Aperto 868 LX	x	x
Vabo bvba	L3	Aperto 868 S	x	x
Vabo bvba	L3	duo 500 S	x	x
Vabo bvba	L3	duo 500 SL	x	x
Vabo bvba	L3	duo 650 SL	x	x
Vabo bvba	L3	marathon 550 SL	x	x
Vabo bvba	L3	sprint 550 S	x	x
Vabo bvba	L3	sprint 550 SL	x	x
Vabo bvba	SL	Aperto 868 L	x	x
Vabo bvba	SL	Aperto 868 LX	x	x
Vabo bvba	SL	duo 500 SL	x	x
Vabo bvba	SL	duo 650 SL	x	x
Vabo bvba	SL	marathon 550 SL	x	x
Vabo bvba	SL	marathon 800 SL	x	x
Vabo bvba	SL	marathon 1100 SL	x	x
Vabo bvba	SL	sprint 550 SL	x	x
Verbe	HLC	Aperto 868 L	x	x
Verbe	HLC	Aperto 868 LX	x	x
Verbe	HLC	duo 500 SL	x	x
Verbe	HLC	duo 650 SL	x	x
Verbe	HLC	marathon 550 SL	x	x
Verbe	HLC	marathon 800 SL	x	x
Verbe	HLC	marathon 1100 SL	x	x
Verbe	HLC	sprint 550 SL	x	x
Wayne Dalton	Confort	Aperto 868 L	x	x
Wayne Dalton	Confort	Aperto 868 LX	x	x
Wayne Dalton	Confort	Aperto 868 S	x	x
Wayne Dalton	Confort	duo 500 S	x	x
Wayne Dalton	Confort	duo 500 SL	x	x

**Certified door installations in accordance with EN12453  
(operating forces)**



<b>door manufacturer</b>	<b>type of door</b>	<b>type of operator</b>	<b>tested</b>	<b>certificate</b>
Wayne Dalton	Confort	duo 650 SL	x	x
Wayne Dalton	Confort	Major J434	x	x
Wayne Dalton	Confort	Major S434	x	x
Wayne Dalton	Confort	marathon 550 SL	x	x
Wayne Dalton	Optimal	Aperto 868 L	x	x
Wayne Dalton	Optimal	Aperto 868 LX	x	x
Wayne Dalton	Optimal	Aperto 868 S	x	x
Wayne Dalton	Optimal	duo 500 S	x	x
Wayne Dalton	Optimal	duo 500 SL	x	x
Wayne Dalton	Optimal	duo 650 SL	x	x
Wayne Dalton	Optimal	Major J434	x	x
Wayne Dalton	Optimal	Major S434	x	x
Wayne Dalton	Optimal	marathon 550 SL	x	x
Wayne Dalton	Optimal	Aperto Baseline	x	x
Wayne Dalton	Thermo Gard	Aperto 868 L	x	x
Wayne Dalton	Thermo Gard	Aperto 868 S	x	x
Wayne Dalton	Thermo Gard	duo 500 S	x	x
Wayne Dalton	Thermo Gard	sprint 550 S	x	x
Wayne Dalton	Thermo Gard	sprint 550 SL	x	x