

1. Unique identification code of the product-type:

Brand	D&D Technologies
Model(s)	MagnaLatch Side Pull Series 2 Self-Latching Gate Latch - Part Number / identifier listed below

Part Number / identifier	Bar code	Description/Type	Production type	NZ Building Product class
MLSPS2	736494005213	MagnaLatch Side Pull Regular Series 2	Batch or mass-produced products	Class 1
MLSPS2W	736494005237	MagnaLatch Side Pull Lockable Series 2 - White	Batch or mass-produced products	Class 1
MLSPS2L	736494006852	MagnaLatch Side Pull Lockable Series 2	Batch or mass-produced products	Class 1
MLSPS2LRB	736494009839	MagnaLatch Side Pull Lockable Series 2 - Bunnings	Batch or mass-produced products	Class 1
MLSPS2LGHK	736494006869	MagnaLatch Side Pull Lockable Series 2 Glass Gate Kit	Batch or mass-produced products	Class 1
MLSPS2LGHKBL	736494009518	MagnaLatch Side Pull Lockable Series 2 Glass Gate Kit – Black	Batch or mass-produced products	Class 1

This specification only covers the Part Number / identifier listed above – substitutions are not permitted.

2. Product description and its intended use(s)

Magnetic Self-Latching Gate Latch

Key Features:

- Automatic self-latching upon gate closure.
- Vertical & horizontal adjustments to maintain recommended alignment.
- Suitable for use on pool applications – Independently tested for “Durability, Strength and Rigidity, Closing and Latching and Security of Closure of Gate Unit to AS 1926-1 2012”.
- When used on pool gate applications: The release of the latching device or latch shall:
 - a) Not be on the outside of the barrier/fencing;
 - b) Not be in such a position that to release the latching device from the outside it will be necessary to reach over or through the barrier/fencing at a height of less than 1,200mm above the finished floor level or less than 1,000mm above the top of the highest lower horizontal member; and
 - c) Be at least 150mm below the top of the gate if a hand hole is not provided, or at least 150mm below the edge of any hand hole opening if a hand hole opening is provided.

Always confirm local fence / barrier regulations before installation.
- When used on pool gate applications: The latch and its release shall be so shielded. Refer to Clause 3.4.4.2 (Shielding of latching device) of NZS 8500: 2006 - Safety Barriers and Fences Around Swimming Pools, Spas and Hot Tubs. Always confirm local fence / barrier regulations before installation.
- When used on pool gate applications: Gates shall be hung so that they only swing outwards from the pool area. Always confirm local fence / barrier regulations before installation.
- Materials: Constructed from engineered polymer with stainless-steel latching pin and spring. Glass kit brackets made from aluminium with protective powder coating.

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- Operation Temperature range: -40 degrees C to 60 degrees C.
- Recommended and Minimum post sections – refer to table below.
- Ideal Gate Gap and Gap Variance – refer to table below.

Part Number / identifier	Description/Type	Ideal Gate Gap	Gap Variance	Recommended Post Width - Latch	Recommended Post Width - Keeper
MLSPS2	MagnaLatch Side Pull Regular Series 2	19mm	13-38mm	25mm	25mm
MLSPS2W	MagnaLatch Side Pull Lockable Series 2 - White	19mm	13-38mm	25mm	25mm
MLSPS2L	MagnaLatch Side Pull Lockable Series 2	19mm	13-38mm	25mm	25mm
MLSPS2LRB	MagnaLatch Side Pull Lockable Series 2 - Bunnings	19mm	13-38mm	25mm	25mm
MLSPS2LGHK	MagnaLatch Side Pull Lockable Series 2 Glass Gate Kit	8 – 10mm		31mm	50mm diameter
MLSPS2LGHKBL	MagnaLatch Side Pull Lockable Series 2 Glass Gate Kit – Black	8 – 10mm		31mm	50mm diameter

Applications:

- Gates weighing 30kg with dimensions of 1,500mm H x 900mm W.
- Pool Gates: Observe the following:
 - MagnaLatch Side Pull Series 2 Self-Latching Gate Latches listed in this document must be paired with suitable self-closing devices for the gate.
 - The release of the latching device or latch shall:
 - a) Not be on the outside of the barrier/fencing;
 - b) Not be in such a position that to release the latching device from the outside it will be necessary to reach over or through the barrier/fencing at a height of less than 1,200mm above the finished floor level or less than 1,000mm above the top of the highest lower horizontal member; and
 - c) Be at least 150mm below the top of the gate if a hand hole is not provided, or at least 150mm below the edge of any hand hole opening if a hand hole opening is provided. Always confirm local fence / barrier regulations before installation
 - The latch and its release shall be so shielded. Refer to Clause 3.4.4.2 (Shielding of latching device) of NZS 8500: 2006 - Safety Barriers and Fences Around Swimming Pools, Spas and Hot Tubs.
 - Gates shall be hung so that they only swing outwards from the pool area. Always confirm local fence / barrier regulations before installation.
- Residential Gates.
- Gate material and fencing material – refer to table below.

Part Number / identifier	Description/Type	Fence Post Material	Gate Material
MLSPS2	MagnaLatch Side Pull Regular Series 2	Metal/Vinyl/Wood	Metal/Vinyl/Wood
MLSPS2W	MagnaLatch Side Pull Lockable Series 2 - White	Metal/Vinyl/Wood	Metal/Vinyl/Wood

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MLSPS2L	MagnaLatch Side Pull Lockable Series 2	Metal/Vinyl/Wood	Metal/Vinyl/Wood
MLSPS2LRB	MagnaLatch Side Pull Lockable Series 2 - Bunnings	Metal/Vinyl/Wood	Metal/Vinyl/Wood
MLSPS2LGHK	MagnaLatch Side Pull Lockable Series 2 Glass Gate Kit	Round Post – 50mm diameter	Glass
MLSPS2LGHKBL	MagnaLatch Side Pull Lockable Series 2 Glass Gate Kit – Black	Round Post – 50mm diameter	Glass

3. Place of Manufacture:

Place of Manufacture

Aotearoa New Zealand

Overseas, see manufacturer section for details

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4. Legal and trading name of the manufacturer(s):

D&D Technologies Pty Ltd.

Address for Service

Street name and number	Unit 6, 4-6 Aquatic Drive
Suburb	Frenchs Forest
Region/state	New South Wales
Country	Australia
Post code	2086
Website	https://www.ddtech.com/
Email	https://au.ddtech.com/pages/contact-us
Phone	+61 2 9454 7888
Business number	ABN: 94 059 413 430

5. Legal and trading name of the importer (if applicable):

ASSA ABLOY New Zealand Ltd

Address for Service

Street name and number	6 Armstrong Road
Suburb	Albany
Region/state	Auckland
Country	New Zealand
Post code	0632
Website	https://www.assaabloy.com/nz/en
Email	nzsales@assaabloy.com
Phone	+64 (0)9 448 9188
Business number	NZBN: 9429036762194

6. Relevant Building Code clauses:

Standard	Clause(s)
AS1926-1 2012 – Swimming pool safety Part 1: Safety barriers for swimming pools.	Tests to AS1926-1 2012: Durability, Strength and Rigidity, Closing and Latching and Security of Closure of Gate Units.
NZS 8500: 2006 - Safety Barriers and Fences Around Swimming	Clause 3.4.4 – Latching device Clause 3.4.4.1 – Location of the latching device.

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Pools, Spas and Hot Tubs	3.4.4.2 – Shielding of latching device
NZ Building Regulations 1992	Clause F9.9.3 - Means of restricting access to residential pools: Any gates must — <ul style="list-style-type: none">a. open away from the pool; andb. not be able to be readily opened by children (when paired with suitable self-closing and self-latching devices – see Sections 8 to 11 below); andc. automatically return to the closed position after use.

7. Statement on how the building product is expected to contribute to compliance.

Clause 3.6 – Durability of a Gate Unit and Appendix F: Swimming pool safety Part 1: Safety barriers for swimming pools (AS1926-1 2012).

Clause 3.5 – Strength and Rigidity of a Gate Unit and Appendix E: Swimming pool safety Part 1: Safety barriers for swimming pools (AS1926-1 2012).

Clause 3.4 – Closing and Latching of Gates: Swimming pool safety Part 1: Safety barriers for swimming pools (AS1926-1 2012).

Clause 2.4.1.3 – Security of Closure: Swimming pool safety Part 1: Safety barriers for swimming pools (AS1926-1 2012).

8. Limitations on the use of the building product:

- Suitable for gates weighing 30kg with dimensions of 1,500mm H x 900mm W.
- Pool Gates: Observe the following:
 - MagnaLatch Side Pull Series 2 Self-Latching Gate Latches listed in this document must be paired with suitable self-closing devices for the gate.
 - The release of the latching device or latch shall:
 - a) Not be on the outside of the barrier/fencing;
 - b) Not be in such a position that to release the latching device from the outside it will be necessary to reach over or through the barrier/fencing at a height of less than 1,200mm above the finished floor level or less than 1,000mm above the top of the highest lower horizontal member; and
 - c) Be at least 150mm below the top of the gate if a hand hole is not provided, or at least 150mm below the edge of any hand hole opening if a hand hole opening is provided.Always confirm local fence / barrier regulations before installation
 - The latch and its release shall be so shielded. Refer to Clause 3.4.4.2 (Shielding of latching device) of NZS 8500: 2006 - Safety Barriers and Fences Around Swimming Pools, Spas and Hot Tubs. Always confirm local fence / barrier regulations before installation.
 - Gates shall be hung so that they only swing outwards from the pool area. Always confirm local fence / barrier regulations before installation.

9. Design requirements that would support the appropriate use of the building product.

Refer to table above for gate and fence post materials.

Pools must have or be provided with physical barriers that restrict access to the pool. A barrier surrounding a pool must have no permanent objects or projections on the outside that could assist children in negotiating the barrier. Refer to the following references for further details:

- Clause F9 - Means of restricting access to residential pools of the NZ Building Regulations 1992.
- NZS 8500: 2006 - Safety Barriers and Fences Around Swimming Pools, Spas and Hot Tubs.

10. Installation requirements

- Refer to supplied fitting instructions.
- Refer to table above for gate and fence post materials.
- Pool Gates: Observe the following:
 - MagnaLatch Side Pull Series 2 Self-Latching Gate Latches listed in this document must be paired with suitable self-closing devices for the gate.
 - The release of the latching device or latch shall:
 - a) Not be on the outside of the barrier/fencing;
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- highest lower horizontal member; and
- c) Be at least 150mm below the top of the gate if a hand hole is not provided, or at least 150mm below the edge of any hand hole opening if a hand hole opening is provided. Always confirm local fence / barrier regulations before installation
- o The latch and its release shall be so shielded. Refer to Clause 3.4.4.2 (Shielding of latching device) of NZS 8500: 2006 - Safety Barriers and Fences Around Swimming Pools, Spas and Hot Tubs. Always confirm local fence / barrier regulations before installation.
- o Gates shall be hung so that they only swing outwards from the pool area. Always confirm local fence / barrier regulations before installation.

11. Maintenance requirements

NOTE: Gates and Fencing can move due to wind loading, ground movement, and/or other factors. This can cause alignment to shift. Therefore, Site Operator and/or Site Owner must ensure the following inspection and maintenance is carried out on a regular basis or when the gate(s) is prevented from being self-closed and its self-latching device is prevented from self-latching, i.e., the latching pin engaging with the keeper.

- Refer to supplied fitting instructions.
- Observe the following:
 - o Check self-closing hinges will self-close the gate from any position and allow the latching pin of the self-latching device to engage with the keeper. Where applicable, make necessary adjustment(s) as per manufacturer's recommendation. When making tension adjustment, ensure each hinge always have equal tension at all times.
 - o Always carry out maintenance on both self-latching devices and self-closing hinges for the gate at the same time. The key points are as follow:
 1. Check placement and position of the release mechanism knob with respect to the standards mentioned above.
 2. If a MagnaLatch Side Pull self-latching device is installed, ensure there is shielding around the release mechanism knob.
 3. Check alignment between the latching pin of the latch and the keeper of the striker to ensure the latching pin is engaged with the keeper when the gate is in the closed position. Where applicable, make necessary adjustment(s) as per manufacturer's recommendation.
 4. Check paired self-closing hinges for the gate to enable the gate to be closed from any position and allow the latching pin to be engaged with the keeper. Where applicable, make necessary adjustment(s) as per manufacturer's recommendation.
 5. Check for any obstruction(s) or potential obstruction(s) that prevents the latching pin being engaged with the keeper when the gate is in the closed position.
- Gate alignment and maintenance is essential to maintain self-closing, latching alignment and performance.

12. Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

Yes No

If yes, description of the warning or ban under section 26

N/A

13. Date

Date of document completion (day/month/year)

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