PremiumSlidingDoors Cavity Slider Installation Guide

For Premium 65, Premium 100, Premium 125 and Premium 150 systems

This guide applies to PremiumSlidingDoors internal cavity slider systems, including Premium 65, Premium 100, Premium 125 and Premium 150. These systems are intended for internal cavity sliding door applications and are available in light-duty, standard-duty and heavy-duty configurations depending on door weight, door size, wall type and the selected hardware package.

1. Scope

This guide is to be read together with the relevant PremiumSlidingDoors drawing, the order confirmation or hardware schedule, any project-specific design documentation, and applicable NCC / Australian Standards requirements for the project.

This guide applies to internal applications only. PremiumSlidingDoors cavity slider systems are not described in this guide as external glazed door assemblies.

2. Applicable Australian Requirements

For internal timber or composite door leaves and doorsets, the primary Australian Standard to reference is AS 2688:2017, covering the selection, identification, installation, finishing and maintenance of timber and composite doors and doorsets.

Where the opening must satisfy accessible design requirements, the relevant access standard is AS 1428.1, together with the applicable NCC / ABCB livable housing provisions. For sliding doors, the required clear opening is measured with the door panel installed and in the fully open position.

3. General Installation Principle

PremiumSlidingDoors cavity slider systems are installed into a prepared internal wall opening and rely on the surrounding building structure for support and alignment.

The cavity frame and track assembly must be installed straight, level and plumb, and the building structure above the opening must be complete and suitable for fixing the head track.

The head track must be fixed to the lintel at 300 mm centres through the aluminium flanges on both sides of the track.

4. System Selection Before Installation

Before installation begins, confirm the selected PremiumSlidingDoors system is suitable for the proposed door weight, door height and width, door thickness, wall type, finished wall build-up, floor finish, and the selected operating hardware.

Premium 65

For lighter-duty cavity slider applications up to 65 kg per door.

Premium 100

For standard-duty cavity slider applications up to 100 kg per door.

Premium 125

For heavier-duty cavity slider applications up to 125 kg per door.

Premium 150

For heavy-duty and large-format cavity slider applications up to 150 kg per door.

5. Pre-Installation Site Checks

- Confirm the opening matches the ordered PremiumSlidingDoors drawing.
- Confirm the lintel or support above the opening is straight and suitable for head-track fixing.
- Confirm the framing is straight, plumb, level and square.
- Confirm the internal cavity path is free of services, protruding fasteners, plaster build-up and debris.
- Confirm the finished floor build-up before final height adjustment.
- Confirm no obstruction will interfere with the door leaf or hardware during travel.

6. Frame Assembly

Assemble the top track with the pocket / cavity frame using the screws supplied with the kit. Place the cavity frame into the prepared opening and check alignment before proceeding with final fixing.

At this stage, confirm that:

- the frame is seated correctly,
- the head track runs true,
- the back post aligns correctly with the wall frame, and
- the closing line of the door is correctly located relative to the jamb finish.

Any supplied temporary spreader, throat brace or alignment component should remain in place until the frame is stable and the lining process will not distort the cavity.

7. Fixing Requirements

The head track must be fixed to the lintel at 300 mm centres through the aluminium flanges on both sides of the track.

The back post must be fixed to the wall framing using:

- 8g x 29 mm wood screws for timber studs, or
- 8g x 29 mm self-tapping screws for steel studs.

All fasteners must be installed so that they do not project into:

- the cavity path of the door,
- the bottom-guide line, or
- the running space of the track hardware.

8. Door Preparation

Before hanging the door, prepare the door leaf in accordance with Premium's mounting requirements, including the required top and bottom recesses and mounting roller brackets.

The door leaf must match the selected system rating:

- Premium 65: up to 65 kg

- Premium 100: up to 100 kg
- Premium 125: up to 125 kg
- Premium 150: up to 150 kg

Where a timber or composite door leaf is supplied, its suitability for use should align with AS 2688.

9. Roller, Soft-Close and Soft-Open Installation

Insert the rear roller into the track first.

For systems fitted with soft-close, assemble the soft-close component and roller as required, insert the actuator, and then insert the front roller into the track in accordance with the supplied Premium hardware sequence.

Where specified, PremiumSlidingDoors systems may be supplied with:

- manual operation,
- soft-close, or
- soft-close / soft-open hardware.

During installation and commissioning, confirm that the damping hardware is matched to the correct door-weight class.

10. Hanging the Door

Once the frame is fixed and the rollers are installed correctly, hang the door and install the stopper, or adjust the soft-close actuator where fitted.

Before introducing the door into the cavity pocket, ensure that the top head track and bottom guide area are clean and free of dust, and confirm that the back rubber stopper and bottom guide are installed.

The bottom guide must be fitted and aligned so that the door remains stable during travel and does not chatter, swing or rub against the jamb or cavity lining.

11. Clearances and Accessibility

The clearance under the door leaf is 8–15 mm adjustable. Final adjustment should only be completed once the actual finished floor build-up is known.

After adjustment, confirm that:

- the door travels freely,
- the gap under the door is consistent,
- the door remains parallel with the jamb line, and
- the soft-close / soft-open mechanism engages correctly where fitted.

Where the doorway must comply with accessible design requirements, the final clear opening must be checked with the door installed and in the fully open position.

12. Wall Lining and Finishing

Before wall sheeting, plastering or final finishing, confirm that the cavity frame has not moved out of alignment.

Wall lining must not distort the frame, the back post, or the closing jamb line.

Fixings for plasterboard, cladding, architraves, shadowline details or other finishes must not project into the door path.

Where the system is supplied with a custom jamb finish, commercial trim, square-set detail or shadowline detail, the finishing work must follow the relevant Premium drawing and must not compromise door travel.

13. Final Commissioning Checklist

- The head track is fixed to the lintel at 300 mm centres.
- The back post is fixed with the correct fasteners for timber or steel studs.
- The frame is plumb, level and straight.
- The cavity path is free of debris.
- The top track and guide area are clean.
- The back rubber stopper and bottom guide are installed.
- The door leaf matches the selected system class.
- The door operates smoothly without scraping, binding, jumping or abnormal noise.
- The final under-door clearance is within the intended range.
- The door closes correctly to the jamb line.
- Soft-close / soft-open engages correctly where fitted.

14. Common Causes of Poor Performance

- Opening not plumb, level or square
- Insufficient fixing of the head track
- Incorrect screw type at the back post
- Frame movement during lining
- Protruding fixings into the cavity
- Missing stopper or bottom guide
- Debris, plaster or dust contamination in the track
- Incorrect soft-close sequencing
- Door weight exceeding the selected system
- Failure to account for finished floor build-up before adjustment

15. Product-Specific Notes

Premium 65 should be used for lighter-duty internal cavity slider applications up to 65 kg.

Premium 100 should be used for standard-duty cavity slider applications up to 100 kg.

Premium 125 should be used for heavier-duty cavity slider applications up to 125 kg.

Premium 150 should be used for heavy-duty and large-format cavity slider applications up to 150 kg.

16. Wet Areas and Tiled Wall Applications

PremiumSlidingDoors cavity slider systems may be installed in bathrooms, ensuites, laundries and other internal wet areas, provided the cavity unit, wall substrate, waterproofing system and tile installation are completed in accordance with the applicable manufacturer instructions, the NCC, and relevant Australian Standards.

Plumbing, wastes and other services must not be run inside the cavity pocket. Where services are required in the adjacent wall zone, a false wall or alternative framing arrangement may be required.

Where tiles are applied to the cavity face, the suitability of the installation depends on the complete wall assembly, not just the lining sheet on its own.

In practice, performance depends on the cavity frame, substrate type, substrate thickness, fixing method, fixing centres, waterproofing system, tile adhesive, tile mass and the overall installation method.

The tile-support capacity of a lining material alone must not be taken as the capacity of the complete cavity wall assembly unless that full assembly has been specifically tested, certified or approved for the nominated application.

Where tiles are installed to the cavity side, a suitable tile substrate must be fixed to the cavity face and must be compatible with the nominated waterproofing and tiling system.

Waterproofing of domestic wet areas should comply with AS 3740 and the applicable NCC wet-area provisions.

Tile installation should comply with AS 3958. Where fibre-cement sheet is used as a tile substrate, the selected sheet material should be suitable for the application and consistent with AS/NZS 2908.2.

The cavity frame, wall substrate and fixing method must be capable of supporting the imposed tile and finish loads without excessive deflection, loss of alignment or damage to the cavity system.

The frame must be installed plumb, level and straight before waterproofing, sheeting and tiling commence.

- Do not run plumbing, wastes or services inside the cavity pocket.
- Use a suitable tile substrate on the tiled cavity face.
- Ensure waterproofing is completed in accordance with the nominated wet-area system before tiling proceeds.
- Do not allow lining screws or fixings to penetrate into the cavity pocket.
- Allow for tile thickness, waterproofing build-up and finished floor levels before final door adjustment.
- Keep the track and guide area free from dust, grout, adhesive and tile debris.
- Do not assume that the published load capacity of a lining board is the load capacity of the complete cavity wall assembly unless that complete assembly has been specifically tested or certified.

Important: PremiumSlidingDoors does not state a tile-load rating for the cavity face unless that rating is supported by product-specific testing, certification or engineering advice for the nominated PremiumSlidingDoors assembly.

17. Website Disclaimer

Important: This guide is a general installation guide for PremiumSlidingDoors internal cavity slider systems and must be read together with the product-specific drawing, order details and any project-specific engineering, certification or compliance requirements. Where accessible design or other regulated performance requirements apply, the installer, builder, designer and certifier must confirm the complete assembly satisfies the applicable NCC and Australian Standards requirements for the specific project.

Premium Cavity Sliders – Specifications

Specifications	Premium 65	Premium 100	Premium 125	Premium 150
Application	Residential and Light Commercial	Residential and Light Commercial	Residential, Commercial, and Heavy-duty Residential	Heavy-duty Residential, Commercial and Industrial
Max Door Weight	65 kg	100 kg	125 kg	150 kg
Door Thickness Range	35 mm to 40 mm	35 mm to 40 mm	10–14 mm glass / 35 mm to 40 mm	10–14 mm glass / 35 mm to 40 mm
Door Type	Timber	Timber	Timber / Aluminium / Glass	Timber / Aluminium / Glass
Max Door Height	2400 mm	2400 mm	3000 mm	3500 mm
Max Door Width	1020 mm	1020 mm	1200 mm	2000 mm
Track System	High-quality aluminum track	High-quality aluminum track	Heavy-duty aluminum track	Extra heavy-duty aluminum track
Hardware	Dual ball-bearing rollers with high load capacity	Dual ball-bearing rollers with high load capacity	Dual ball-bearing rollers with high load capacity	High-performance stainless steel rollers
Frame Material	Aluminum	Aluminum	Aluminum	Aluminum
Wall Framing Width	90 mm	90 mm	76 mm or 90 mm	90 mm
Soft Close Option	Not available	Available	Available	Available
Configuration	Single / Double / Corner-Meeting	Single / Double / Corner-Meeting	Single / Double / Corner-Meeting / Telescopic	Single / Double / Corner-Meeting / Telescopic
PremiumAuto 125 (motorised)	Not available	Not available	Available	Available
Suitable for Tiled Wall	No	Yes (only for special orders)	Yes	Yes

References

- PremiumSlidingDoors Installation Instructions
- AS 2688:2017
- AS 1428.1:2021
- AS 3740
- AS 3958
- AS/NZS 2908.2
- ABCB Livable Housing Design Standard