

NEW ZEALAND'S
FASTEST
WAY TO INSTALL
WINDOWS.

GET THE JOB DONE **FASTER** WITH SMARTFIT.®

Place fully integrated Smartfit® window into opening.



Screw into position through face fixing fin.



Tape over fixing fin to wall underlay.



Install cladding.



**EASIER&
FASTER
TO INSTALL**

**10
YEAR
WARRANTY***

**SUPERIOR
WEATHER
TIGHTNESS**

**COST
SAVINGS**

*Warranty applies to manufactured Smartfit® product only. Other conditions apply under full terms which are available on request or at smartfitwindows.co.nz



1. Head Flashing

Integrated head flashings with cavity closer and end dams mean no sequencing for cladding installation.

2. Jamb Flashing

Built-in jamb flashings help to deliver superior weathertightness.

3. Face Fix

Screw into position through outer fixing fin. No internal access required while fixing into place. Weatherline and air seal move to wall underlay line.

4. Sill Support

No separate support bars to fit and level. Sill support is integrated into window.

5. Easily Clad

No saw cuts needed in cladding to let head flashing horns in. Cladding goes straight in behind flange cover after window installation.

Why is Smartfit® so much faster to install?

Smartfit® is a ready-to-fit window system. The windows arrive with built-in head flashings, jamb flashings, cavity closers, end dams and sill support bars, so they can be taken off the truck and fitted immediately. Which leaves you more time to get on with other jobs onsite.

All you need to do is place the window in the opening and screw it into position through an outer fixing fin. It means you can close in a house much faster, and get onto other jobs sooner.

What goes into a Smartfit® window?

A lot of clever thinking and everything you need to get the job done.

Already built in are sill support bars, flashings and clever water management features. You no longer need to worry about internal tapes, support bars, flashings, end caps, PEF rods, expanding foams or silicones. This means less onsite materials, waste and handling, saving you time and money.

Superior weathertightness.

Much has been done to improve the weathertightness with these windows.

The window opening weatherline has moved out to the face of the wall underlay. This no longer allows the weatherline to extend inwards to the back side of the internal wall lining, so any failure water would drop into the cavity instead of onto the framing trimmer.

The only deviation to the weatherline is with deep reach sliding and stacker door frames where parts of the frame extend back beyond the Smartfit® weatherline. In this case a patented 'dry block' provides a catchment area if a frame joint were to ever fail.

The air seal has also moved out to the wall underlay line. An air seal is created by the fixing fin and the face tape.

The bottom window frame corner soaker blocks are high sided, so the highest point is higher and further back than the highest possible leak point of the window frame. It means there's less critical reliance on sealants in the joint performing during transport and installation, or over the long term.

The top hub arrangement is a total water management system, complete with end dams and drainage paths which deliver water safely to the jambs and exit via the sill.

The bottom corner soaker block receives all

potential failure water and diverts it to the exit. The jambs have a back flashing system at the cavity batten line, and the sill support structure has drip features.

A first for CodeMark Certification.

Smartfit® is also the only window installation system in New Zealand to be awarded CodeMark Certification (number CMA-CM40120).

CodeMark Certification means that the product is deemed to comply with the New Zealand Building Code when specified in accordance with its technical specifications, and guarantees acceptance by Building Consent Authority (BCA).

Performance and compliance.

- Smartfit® windows are backed by a 10 year warranty.
- **They are BRANZ appraised – appraisal number 868 (2014).**
- They comply with NZS 4211.
- The installation system has been tested in accordance with E2/VM1.

From a compliance point of view, it's much easier for building inspectors to inspect. The critical elements are on show and there are no concerns about what lies beneath. For example no tapes are needed under the window that could be bunched, torn, sloping inwards or just missing.

A SAMPLE SELECTION OF CLADDING TYPES.



Fibre Cement Sheet Board



Bevel Back Weatherboard

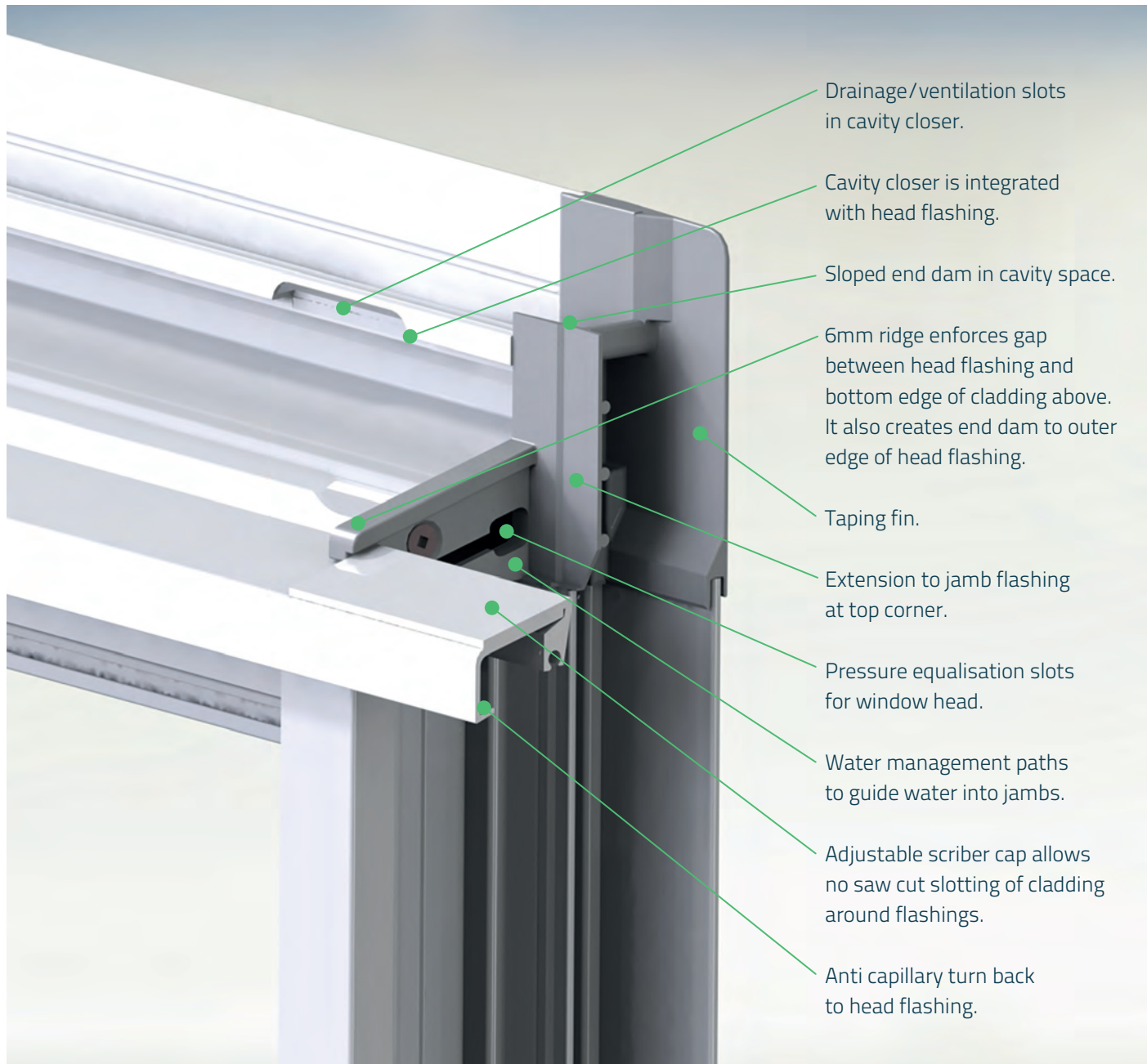


Rusticated Weatherboard

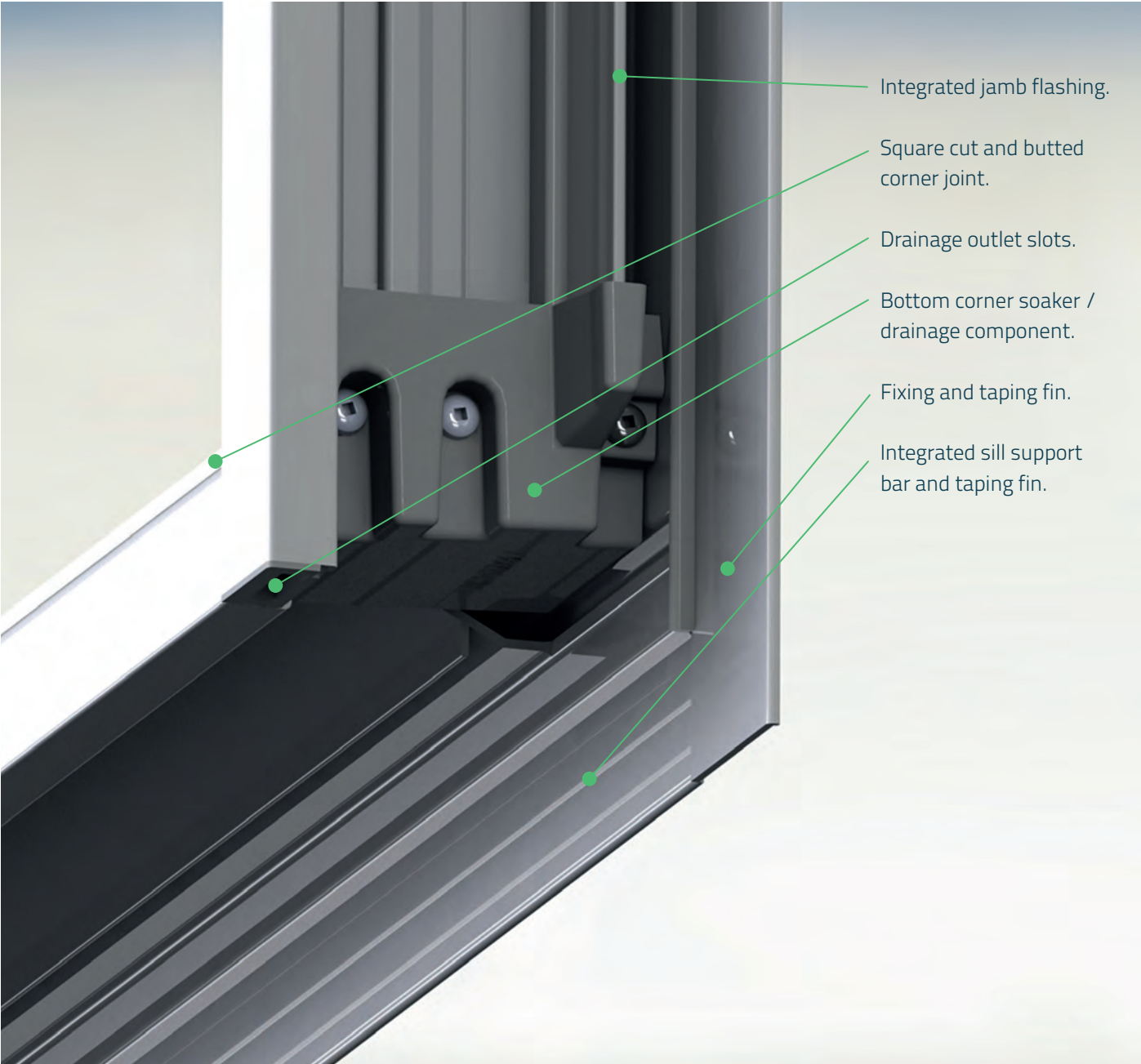


Brick Veneer

SMARTFIT® TOP HUB.



SMARTFIT® **BOTTOM HUB.**



Patented Dry Block

The dry block is used for deep reach sliding and stacker door frames where parts of the frame extend back beyond the Smartfit® weatherline. It provides a catchment area in case a frame joint were to ever fail.

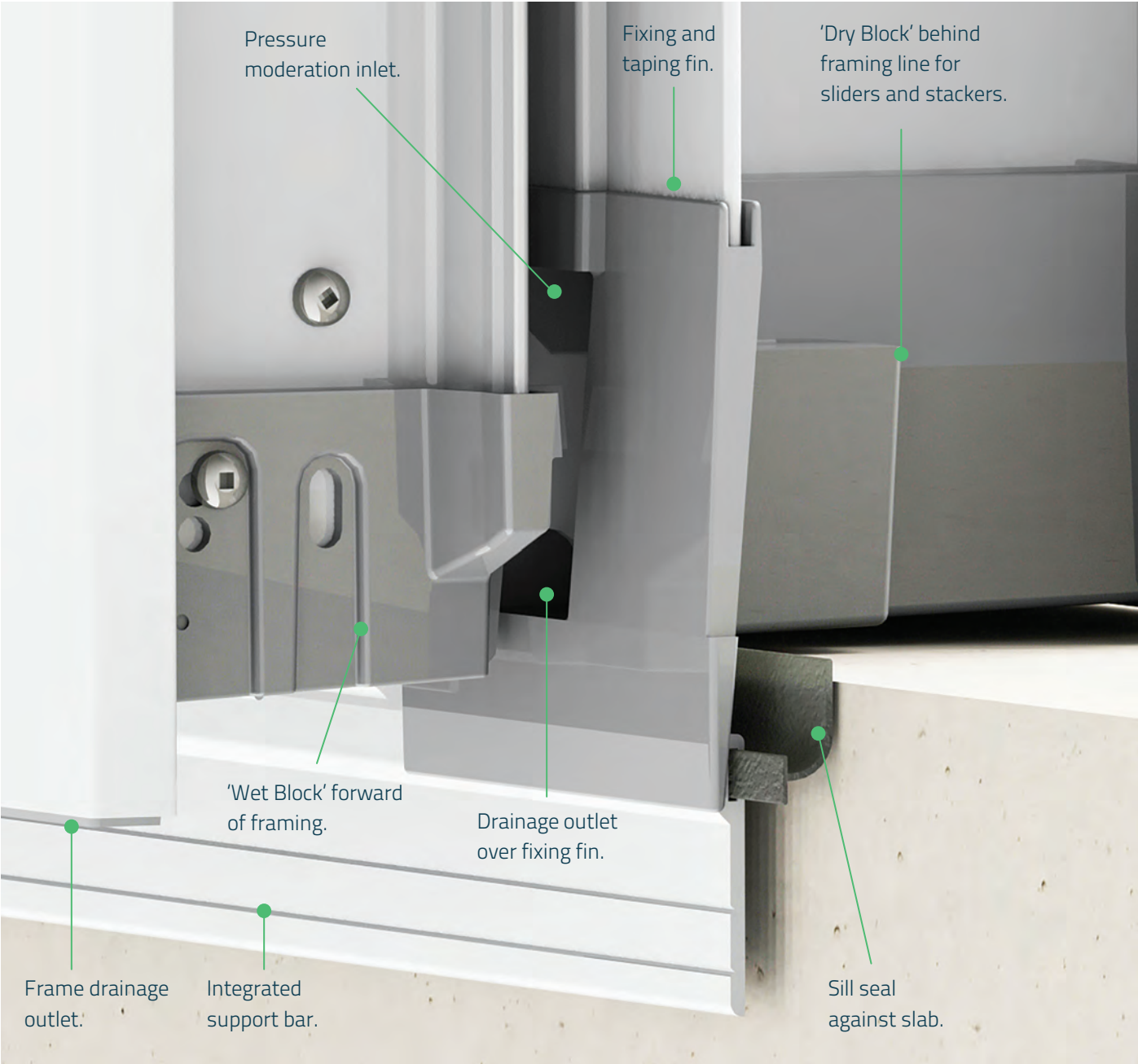
It is high sided so any potential leaks through the frame joints can only leak into the lower parts of the block. It effectively provides a deviation to the air seal line to allow pressure moderation to occur inside the block at the localised corner point only.

Pressure moderation in the block is essential to enable it to drain freely should there be water present – the water cannot back up under unequal air pressures.

The dry block is factory fitted and secured to a prescribed method. It is screwed in place so cannot be dislodged and is made of high impact glass reinforced nylon.

As an additional feature, the dry block has a secondary catchment area to the top side at the jamb.

SMARTFIT® DRY BLOCK.





0800 031 031
info@smartfitwindows.co.nz
smartfitwindows.co.nz

