

PRODUCT BULLETIN No. 237

Linear Grate Sub Sill Range

Commercial / Residential



The demand for flat thresholds for doors continues to increase as people desire a level entrance to their homes or buildings to add an architectural touch, for compliance with the Australian Standard AS1428.1 *Design for access and mobility*, and all while retaining the water protection inherent in their door system.

Capral is proud to supply a product to fit this need through their linear drain solution. This product is made up of a Linear Drain Sub Sill, end caps and linear grate and fits directly into our 900 Sliding Door (100mm and 150mm deep tracks), Urban 584 Sliding Door and Artisan Folding Door without any modifications or add-ons to those systems.

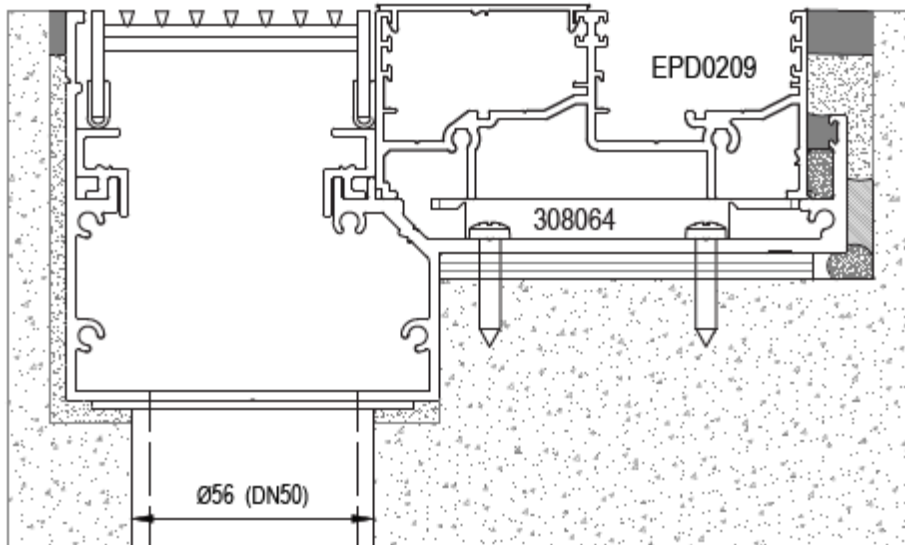
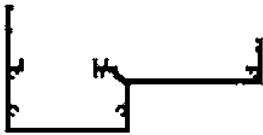
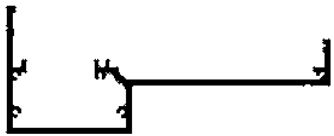



Image showing linear drain solution with 900 Series Sliding Door (100mm sill)

Linear Drain Sub Sill

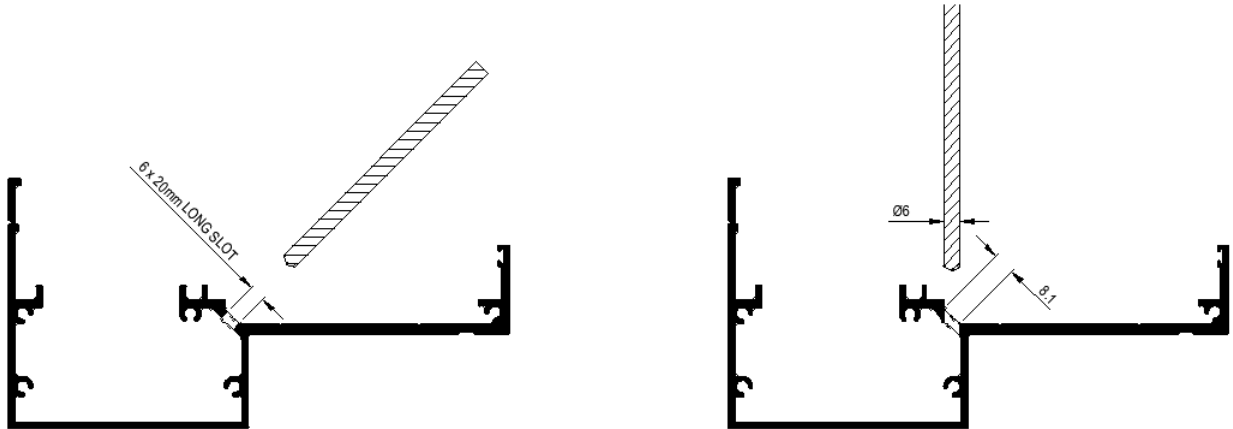
The linear drain sub sill is available in both 100mm (900, Urban 584 and Artisan) and 150mm (900 triple track) versions with the linear grate bead being required for the 900 Series and Urban 584 Sliding Doors. The subsill supports a 65mm x 25mm linear grate.

	EP17689 Linear Grate Sub Sill 100mm
	EP17690 Linear Grate Sub Sill 150mm
	EP17691 Linear Grate Bead

Section	Description	Length (m)	AP / metre	PP / metre
EP17689	LINEAR GRATE SUB SILL 100MM	6.5	0.865	0.577
EP17690	LINEAR GRATE SUB SILL 150MM	6.5	0.963	0.642
EP17691	LINEAR GRATE BEAD	6.5	0.100	0.100

This section will be stocked at Erskine Park, NSW in Mill Finish only, and will be extended to other locations subject to demand.

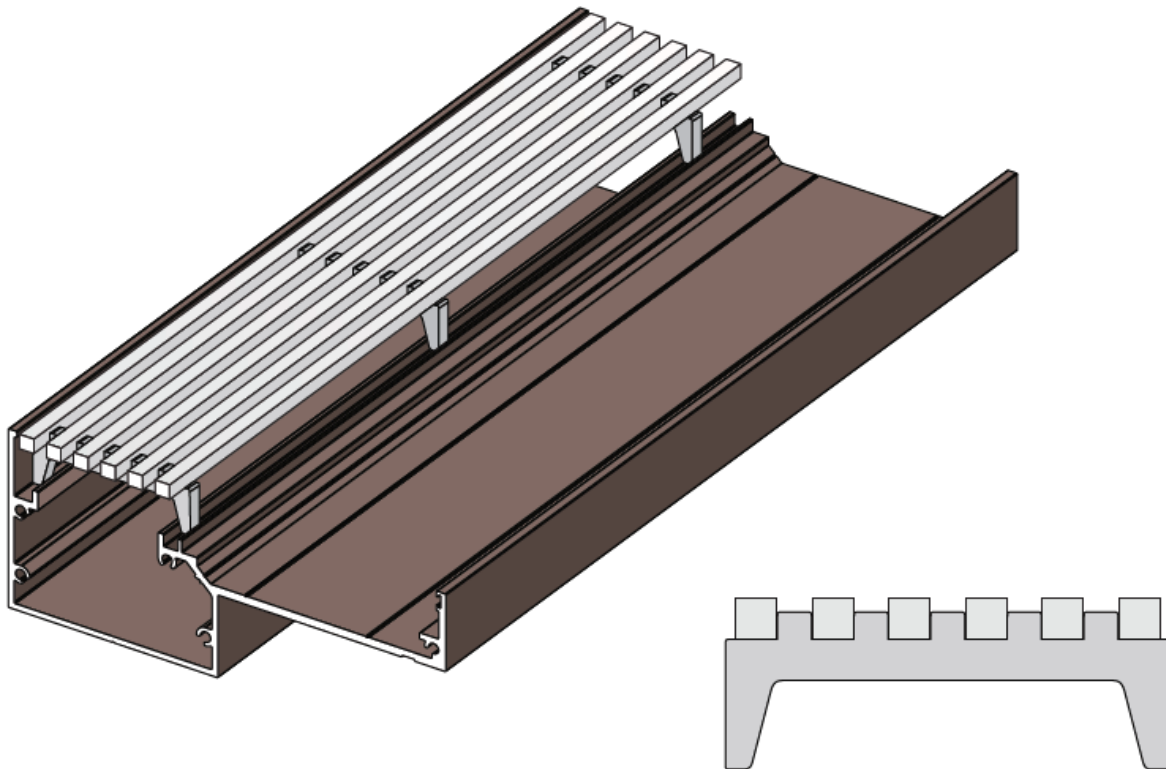
Machining for the drainage slots can be performed manually (Left image) or performed using a milling machine or CNC (right image). These slots are to be machined at 300mm centres.



DRAINAGE FOR 100mm GRATE SUB SILL SHOWN 150mm SIMILAR

Linear Grate

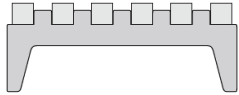
At launch, Capral is excited to launch a brand new and exclusive stainless steel linear grate. This grate has been designed to complement the most challenging architectural expectations, and being Australian manufactured from premium quality 316 marine grade stainless steel you can be assured of a great looking solution for a long time into the future.



Supplied in 1000mm lengths, Capral's linear grate is fitted with soft rubber leg caps to ensure nil contact between the stainless steel grate and aluminium sub sill to eliminate the possibility of

galvanic corrosion. The grate is also electro polished to avoid ugly tea staining and maintain an “as new” shine. Custom sizes are available on a *project basis* if required.

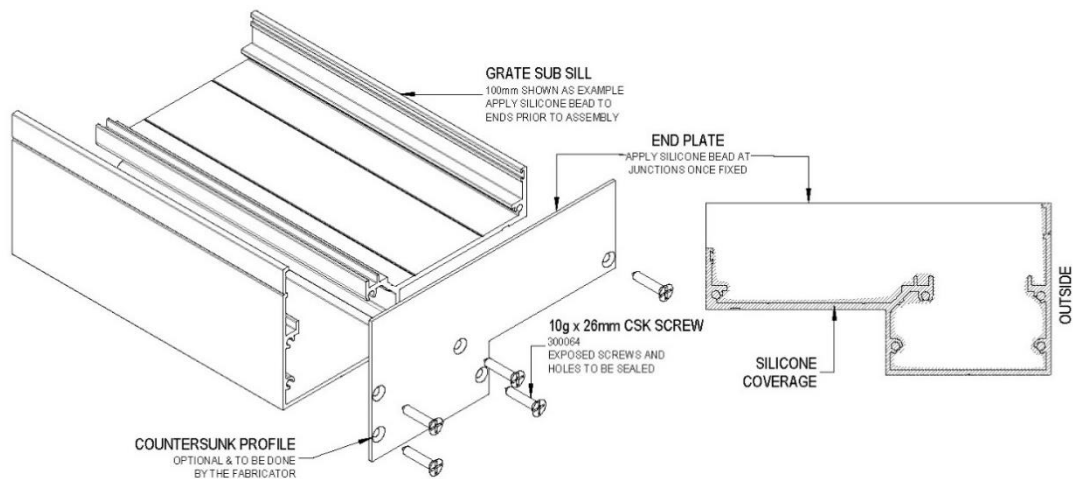
NOTE; - If trimming of grate is required a clean Stainless steel cutting blade (preferably a diamond saw blade **MUST** be used.

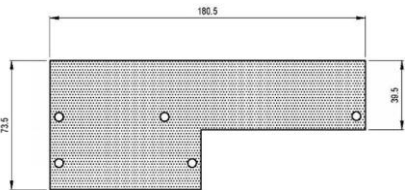
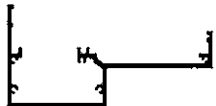
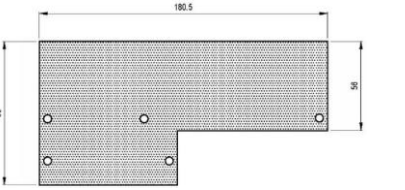
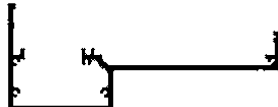
	<p>322234</p> <p>Grate 316 Stainless Steel 1000mm</p>
-----------------------------------------------------------------------------------	---------------------------------------------------------------------

This grate will be stocked at Erskine Park, NSW only and will be extended to other locations subject to demand.

Linear Drain End Caps

To complete the linear drain solution, Capral has designed and is supplying end caps to close off the end of the linear drain sub sill. These are provided with pre-drilled mounting holes (not countersunk).



End Dam	Material Number	Description	Used With Sub Sill
	322031	END CAP LINEAR GRATE DOUBLE TRACK	 EP17689
	322032	END CAP LINEAR GRATE ARTISAN	 EP17689

	<p>322033</p>	<p>END CAP LINEAR TRIPLE TRACK</p>	<p>EP17690</p>
--	---------------	----------------------------------------	----------------

The end dams will be stocked at Erskine Park, NSW only and will be extended to other locations subject to demand.

Technical Notes

- Technical Manuals will be updated and published for download from the Capral website.
- These new sections are now available in the Cre8 and Logikal estimation packages

Please contact your local Capral representative for further information.

Matthew Finnie

National Manager Window & Door Systems