



Wynyard Walk

Sydney, Australia

Wynyard Walk is a major pedestrian walkway connecting Wynyard Train Station to the bustling Barangaroo waterfront precinct and Sydney CBD. Completed in 2017, the new infrastructure forms one of several solutions to break pedestrian congestion, with an estimated 75,000 commuters using the hub every day. It features over 1,600 m² of perforated and solid stainless steel sheeting into ceiling and fascia panelling installed at the Clarence Street entry façade and the tunnel lining. The panels twist and curve with the bends of the tunnel, creating a sense of flow and motion.

Unique to this stunning architectural application is the use of ferritic stainless steel, 445M2, rather than the conventional specification of 304 or 316. The key factors of formability, cost and corrosion resistance, as well as stainless steel's aesthetic appeal were the driving factors around the specification of this grade for this project. This application showcases strong innovation in stainless steel and opens the market to more

Environment:	Urban
Material:	Grade: 445M2
	Finish: 2B
More information:	www.assda.asn.au

opportunities. It is a good and different example to promote the material use (cost savings and life-cycle) in architectural and infrastructure applications, and stainless steel as a whole.

Another point of difference (in relation to drafting) was that the project was modelled from point clouds. These point clouds were generated using 3D surveying equipment and modelled to create a real world model in which the stainless steel panels were then generated to suit. This included the sub structure. This meant there were next to no discrepancies in panel sizes on site and allowed installation to go smoothly.





← Kent St

↑ Clarence St
Stands Q-U **B** ↑

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↓
Lift to Home

WARNING

WARNING

WARNING