

SUGARCUBE APARTMENTS & HONEYCOMB TERRACES, ERSKINEVILLE NSW

SITUATION:

Achieving open tread staircases with engineered timber

CLIENT: DKO Architects

PRODUCTS USED:

Light colour scheme
COCO

Dark colour scheme
Vanilla



Milano White Wash

Milano Champagne



For apartments and townhouses in one of Sydney's most sought after neighbourhoods, DKO Architects wanted something remarkable.

To make their development stand out above the crowd, they designed a select number of penthouse apartments with open tread staircases. While open tread staircases are nothing new, achieving them with engineered timber is no easy feat.



"When we knew the detail and the design of the staircase, the challenge was achieving the open tread with only one wall to work with."

- Tilly Cefai, Style Timber



When Style Timber were specified for Sugarcube Apartments & Honeycomb Terraces, the architectural drawings were still being finalised. Once DKO told Style Timber they wanted open tread staircases, it was up to Style Timber to work out how to best achieve them using engineered timber.

"Not only is this an open tread staircase, there is also just one wall, so we needed to use an open stringer, which isn't attached to the stairs. For this, we also needed to manufacture a steel frame to support the stairs, which couldn't attach to the frameless glass."

- Jack Wang, Style Timber

Using a wealth of experience and acute attention to detail, the resulting staircases are sleek, modern and fit perfectly with the aesthetic of the Sugarcube apartments.

For the Honeycomb Terraces, traditional staircases were designed, also using Style Timber's flooring. While these staircases didn't have the complexity of the open tread, achieving staircases with engineered timber has its own challenges.

"As engineered timber is made up of cross plywood, it was necessary to use all mitre cuts to make each stair tread. This job required very precise cutting and installation in order to achieve the finishes."

- Jack Wang, Style Timber



STYLE NOTE:

Anything is possible with engineered timber, even open stair treads. By using engineered timber for staircases, you will be able to match the staircases to the entire project, instead of using hardwood and hoping to stain it a similar colour.

With engineered timber stairs, there is also the added complication of the nosing. Unlike with solid timber where the stair can be routed on site, the nosing for engineered timber needs to be constructed by a joiner, which is a very detailed task.

By using engineered timber throughout the Sugarcube Apartments and Honeycomb Terraces, the flooring and the staircases match seamlessly, something which is not always possible when using mixed materials, such as engineered oak for the floors then hardwood for the stairs.

ABOUT STYLE TIMBER

At Style Timber Floor, we are committed to exceptional craftsmanship and uncompromising quality. Working closely with not only the brightest and best architects and designers locally but also with International suppliers, and using state of the art manufacturing, we are proud to have developed our new range of European Oak, American Oak, American Walnut, Hickory, American Ash and Teak.

We pride ourselves on our large range of widths, length, strength and stability, our designs (including both 45 and 30 degree angles for chevron and the widest board widths in Herringbone), our wear layer from 2 to 6mm and our customised colours, sizes, finishes and substrates. Keeping with our one project, one team philosophy, we are delighted to offer a Turnkey Service Solution – timbers for multiple applications, from floor, walls and ceilings, to joinery – all seamlessly integrated and managed.

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