



SWP Australia Pty Ltd

Spirally Wound Pipes for Australia

Circular column formwork



Project:

Carousel shopping center (largest shopping center in Perth (sqm of rental space))

Contractor:

CASC Formwork

Technical Description:

156 lined (architectural finish) & 114 un-lined columns – DN350 to DN500 from 3100 to 6050mm in length

Installation:

April to July 2017

CASC Formwork is a Western Australian formwork and concreting company operating as part of the GCS Group. The GCS Group has been a satisfied customer of SWP formwork for many years. For the building of one of the biggest shopping centers in Western Australia, CASC as the main contractor decided to use SWP circular column formwork for all smaller diameter columns. For some of the bigger ones, CASC initially decided to use their own steel formwork. CASC ordered a very dry, high strength concrete mix from Boral and even though SWP columns are lined with an extensively proven polypropylene lining material, it resulted in a patchy finish for the first few column. After a sight meeting, it was decided that the columns shall be coated with a release agent. This meant that the liner of the columns was now thinly coated with an oil based agent and once completed the top and bottom were closed to prevent dust entering. The release agent visibly improved the surface and finish of the columns



The initial order was for lined (architectural grade) columns only whereas the second part was mainly for standard, unlined columns.

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