

Ergo Apartments

System: Shoring
Product: Alshor Plus
Structure Type: Hi-Rise
Location: Adelaide

Case Study

The Ergo Apartment stage two project is a residential development consisting of two separate buildings, each of which are six storeys high. This project is the first of its kind in Adelaide to utilize the building product called BubbleDeck alongside RMD's Alshor Plus.

BubbleDeck is a precast concrete floor system consisting of a thin layer of concrete with hollow plastic balls held together by a lattice of steel. The precast panels are landed on a support system and then tied together, at which point the slab is then poured. The system uses 35% less concrete and provides faster floor cycles compared to conventional falsework.

Shamrock Scaffolding Services used RMD's Alshor Plus shoring system along with BubbleDeck to create an effective support solution. Alshor Plus has many innovative attributes, such as quick release jacks, easy to install frames and stronger legs, which makes it a quick and easy shoring system to use.

At the height of the project the client was completing floor cycles at an average of 10 days for 1200m². Shamrock Scaffolding have had positive feedback about this project and have said they will be using this solution in the future



Precast BubbleDeck supported by Alshor Plus