

Rescrete NEWS

The Australian precast concrete industry is vibrant and growing faster than it has for many years. Rescrete, in business since 1968, with factory based staff of over 170 and a product range that spans most construction industry market segments, is the major manufacturer in the NSW and ACT markets. In this newsletter we want to put before you some of our capabilities and some of the issues. We also want to make sure that you get an understanding of the part that precast concrete can play in improving the productivity and quality of construction in Australia.

RESCRETE



Curved facade panel being finished



Column unit



Transfloor curved balcony



Transfer slab detail



Large wall panel being erected



Transfloor balcony

The Power of Precast

Beau Monde Apartments

Multiplex bet that precast would be a better solution for the façade and balcony units on the 37 storey Beau Monde apartments in North Sydney.

They picked a winner with the tower regularly advancing at a floor every four days.

The loadbearing façade units were pre-painted in Rescrete's factory. Efficiency in manufacture and erection was improved by combining façade units to reduce the number of lifts and the amount of jointing.

The design of this sort of structure is a matter for the consulting engineers and architects but Rescrete can assist with input on the feasibility of manufacturing and the most efficient unit configurations.

Beau Monde is one of the tallest loadbearing precast structures ever built in Sydney.



Metro Village

Baseline Constructions, although experienced in the use of precast concrete, were undecided whether or not to use precast for the transfer slab on Stage 3 of the Metro Village project. They took the plunge and were rewarded with a high quality, trouble free result.

The rest of the structure followed in one continuous erection operation with Rescrete supplying the loadbearing external and internal walls and the hollowcore floors and Transfloor balconies. 1,300 precast units were erected in 45 days.

Lessons learnt on the first two stages of this large project allowed for minor adjustments to processes so that the precast construction reached its full potential on Stage 3.

The most important factor by far was the availability of sufficient lead time for shop drawings to be completed and an adequate stockpile of product to be built up before erection commenced.

