

GOLD COAST UNIVERSITY HOSPITAL

The photo shows the massive \$1.76 billion Gold Coast University Hospital raising from the ground at Parkwood Drive Southport. As it now nears completion, this project used more steel and concrete than two of the coast landmark building, the Q1, and it will be ready for patients late 2012.



All the ring mains for both fire and water services throughout the project were installed using HDPE pipe, and the AVK Series 01/70 resilient seated gate valve that incorporates a bronze gripper ring into the seal ring that provides positive pipe pull-out protection where used for all isolation purposes. This valve removes the need for stub flanges and backing rings that would have been required if standard flanged valves were used.



Over eighty valves were required ranging in size to suit PE pipe from 90mm right through to 315mm.

All valves used the AVK Series 05 support bushes that are recommended on all of the gripper type products, which include the Series 621 coupling and the 623 flange adaptor. The insert keeps the pipe round, provides a square end to butt up to the pipe as well as the valve socket and prevents end curl of the pipe in the socket.

