GRAF PLASTICS – UNDERGROUND RAINWATER STORAGE TANKS

Two large underground tanks have been installed under the Gen Y courtyard for communal rainwater harvesting. The shallow excavation and "ground water table stable" tanks ensure that there is minimal excavation required with very easy installation. The LiLo tanks come in 1,500L, 3,000L or 5,000L capacities, with the option to also connect tanks together.

The tanks are suitable for rainwater testing, storm-water management, pump out chambers, septic holding tanks or other underground liquid storage applications. Being underground, the tanks are out of sight, out of mind and out of the way whilst also having great accessibility through a 600mm manhole.

Information about this produce is available from l.maingard@grafaustralia.com.au
HOLCIM ECOMAX™ CONCRETE

Ecomax™ concrete produced by Holcim has been used for the concrete slabs at the Gen Y Demonstration Housing Project. Holcim’s commitment to greater ecological sustainability involves improving the energy efficiency of cement production, reducing greenhouse emissions, increasing the use of industrial by-products in concrete and applying state of the art concrete technology so that we can produce environmentally friendly, high quality concrete called Ecomax™.

This product significantly reduces the total amount of energy required to produce concrete, including the energy consumed in extraction of the raw materials, processing, manufacture and transport. Holcim are able to achieve this by implementation of the following initiatives:

- Using by-products, such as blast furnace slag, as alternative cementitious materials
- Installing a recycled water management system in all concrete plants
- Using by-products in our quarry operations to produce a ‘manufactured sand’ that is used in Holcim Ecomax™ concrete as an alternative to natural sand.

JAMES HARDIE SCYON™ SECURA™ SOUND FLOORING

The Gen Y Demonstration Housing Project is one of the first projects in WA to use the latest innovation in Scyon™ flooring materials. Secura™ Sound has been designed to provide a solid feeling under foot and prevent irritating sound transfer that can be experienced with timber flooring and concrete slab. The material is fast and easy to install, making it a great product to work with and its cement based composition provides strength and durability that will stand the test of time. One of the amazing benefits of Secura™ Sound is the ability to apply any floor finish to the top side without diminishing its outstanding acoustic performance, something that can’t be achieved in other lightweight flooring materials where carpet is often the only option.

Information about this produce is available from jesse.blanchard@lafargeholcim.com

JAMES HARDIE SCYON™ AXON™ CLADDING

The external fibre cement cladding sponsored by James Hardie has been installed on north facing elevations. A vertically grooved cladding panel that looks sharp and uniform. Pre-primed and easy to install, Scyon™ Axon™ Cladding is a pristine look that lasts.

Scyon™ Axon™ Cladding can be used in residential applications wherever a modern design is required, including external walls in composite construction, upper-storey and ground-level extensions, and internal feature walls. The advanced lightweight cement composite with heavy-duty performance is not only resistant to damage from termites, rot and fire, but it can also be gun nailed and is easy to cut – like timber.

Information about this produce is available from craig.oatway@jameshardie.com.au

BONDOR INSULROOF® AND SOLARSPAN® ROOF

Bondor Roof panels have been used to provide a combined COLORBOND® roof, thermal insulation and a smooth ceiling lining for the Gen Y Demonstration Housing Project. InsulRoof® and SolarSpan® are engineered to offer unsupported long spans between walls, creating higher ceilings and more spacious open plan living areas. This eliminates the complexities and time of traditional build methods that depend on multiple trades to handle framing, roofing, plastering and insulating roof and ceiling areas.

Information about this produce is available from joe.roque@bondor.com.au

COLORBOND® CLADDING

The external COLOURBOND® Cladding is sponsored by Bluescope Steel and Stramit. Available in 22 attractive colours inspired by the colours of Australia, COLOURBOND® steel wall cladding delivers a lot of practical benefits. It is easy to maintain, long lasting, lightweight and extremely durable, resisting chipping, flaking and blistering.

Manufactured in Australia to Australian Standards (AS1397 and AS/NZS 2728) and tested in some of the harshest Australian conditions over the last 50 years, genuine COLOURBOND® steel is far more than just ‘paint on steel’.

- The steel base is manufactured to meet relevant Australian Standards, ensuring strict adherence to the required grade and strength.
- The base is then coated in BlueScope’s industry leading metallic coating incorporating Activate® technology, to provide enhanced corrosion resistance.
- A thin pretreatment layer is applied to optimise the adhesion of further coatings.
- A corrosion inhibitive primer is baked onto the surface.
- A topcoat of specially developed, exterior grade paint is baked on to provide resistance to chipping, flaking and blistering and to ensure the finish retains its look for longer.