

ite safety textbook



as with high noise levels, hearing protection is an element of the total personal protective equipment that should be worn on building sites.

king Areas
ss Equipment,
ns, Hazardous
es and Fire
st Aid, and HIV/
...
... of Safety,
d Environmental
(in accordance
outh African
ons Authority)
ed. "All efforts
made to
s all the
utcomes and
assessment
prescribed by
with adds.

an opportunity for the group to demonstrate its commitment to education in the construction industry by increasing awareness with regard to safety and raising the level of training and skills among existing and future contractors.

The Dawn Group is a leading manufacturer and distributor of hardware, sanitary ware, plumbing, kitchen, engineering and civil engineering products.

Copies of the textbook are available from GMBA.

GMBA
T +27 (0)11 805 6611

The Dawn
ys in its
hat the
epresents

rates concrete in design



Concrete show house demonstrates diverse uses of concrete in design.

umber of
hat are
ntary to
concrete walls and
facades;
- Buddy Rhodes, an

High-rise rack building first in SA

The first clad rack building locally designed, engineered and manufactured is shooting up in Linbro Park, Johannesburg.

The Universal Storage Systems project was commissioned by UTi Pharma in conjunction with LGA Logistics Consultants and will be for the storage of pharmaceuticals. When completed the building will be 138m long, 45m wide and 31.5m high and will hold more than 38 000 pallets.



Universal Storage Systems new clad rack warehouse for UTi Pharma under construction.

Elaborating on the project, Universal's sales director, Jan Breytenbach, emphasises that the warehouse must meet the exceptionally stringent standards set for storing medicines.

"Our relationship with UTi Pharma dates back to the '90s when they traded as IHD and we supplied the racking for the warehouse in Linbro Park. In 2006 we were involved with a new warehouse in Longmeadow and with their branches in Cape Town, Port Elizabeth and Durban. Over 21 years we have come to understand fully that our client has to service the storage needs of many leading pharmaceutical companies while ensuring that patients always get the original quality medicine they need, when and where they need it.

"In this newest structure," Breytenbach explains, "all uprights and beams are made of pre-galvanised steel and they are all newly developed products designed for the clad rack system.

"Working six days a week, this is a seven-month project," he says.

Globally, clad rack buildings have come into their own because they offer optimal cubic volume storage space, they are relatively fast to erect and they are cost-effective. The system uses racking as the main structure, with cladding sheets added for walls and roof. The structures are easy to extend and thus offer the advantages of adaptability and flexibility.

Although the UTi Pharma building is notching up several SA firsts, the concept of clad rack

building is already widely accepted and demand is growing.

Universal, founded in 1994, operates locally and internationally. Breytenbach says, "We offer a fully integrated approach to customers in any field that need to store and retrieve materials efficiently. The materials or products may be of any nature, size, weight or format. Our service encompasses concept design, feasibility studies, product development and engineering, validation testing, quality assured automated production, project management, installation, and after-sales service."

Universal Storage Systems
T +27 (0)21 793 1111

 More technical information www.specifile.co.za

Boosting empowerment in the building industry

AfriSam has been accredited by the National Empowerment Rating Agency (NERA) as a Level 2 BBBEE (broad-based black economic empowerment) contributor.

Chief executive officer of AfriSam, Stephan

the knowledge, skills, tools and facilities to become self-reliant and sustainable. This enables them to develop small and medium-sized businesses, improve the quality of their own lives and contribute towards uplifting the standard of living in their communities. Becoming a Level 2

Framework and have drafted action plans to improve our performance on all aspects of those codes as we move forward.

"We are paying specific attention to developing skills in engineering disciplines where there are acute skills