

PLASCO INNOVATES SUSTAINABLE WASH SOLUTIONS FOR COMMUNITIES

With Weholite, Plasco has become a benchmark for innovative WASH solutions in Africa

Plasco serves Tanzanian communities with sustainable WASH solutions



With Weholite, engineers can complete projects in a much shorter time and still deliver high quality, world-class projects that will serve the community for generations.

The water sector continues to evolve rapidly with new innovations that not only provide sustainability, but also help to revolutionise engineering designs and construction techniques.

Plasco Limited, a Tanzanian pipe company which, having invested heavily in state-of-the-art manufacturing technology, is at the forefront of the industry with its World Class products and best-in-class designed solutions.

Plasco has advanced from manufacturing uPVC (Unplasticised Polyvinyl Chloride) pipes and HDPE (High Density Polyethylene) pipes and fittings of up to 630mm in diameter to becoming the leading manufacturer of large diameter HDPE structured wall pipes of up to 2.2 metre diameter in Tanzania and East Africa.

These systems, known as Weholite are lightweight, large diameter pipes made from HDPE and are perfect for low pressure and gravity applications for stormwater management, potable water storage (above and below ground), sewage treatment systems, culverts, marine pipelines and irrigation water distribution. They ensure that Plasco can be regarded as a vital cog in the infrastructure machine that Tanzania is being built upon.

Plasco's COO, Alimiya Osman, said "Weholite will revolutionise the construction industry in this country; with its faster-installation benefits, engineers can complete projects in a much shorter time and still deliver high quality, world-class projects that will serve the community for generations." We have supplied our products and services to hundreds of municipal projects, and we are proud to say that all water projects with our trademark have been successfully delivered to international engineering standards and have benefited communities immensely."

Osman further emphasized Plasco's quality



Stormwater Drainage (Stormwater drainage line for Julius Nyerere International Airport, Terminal 3).

credentials, "We subject all our designs to extensive review and our testing regimes ensure that all final products reach our clients totally fit for purpose." For good measure, Plasco further offers installation services to its customers which includes engineers and technicians who are trained extensively and certified for installing the high technology pipes and systems.

Speaking on the pressing issue of flash floods in Tanzania's largest city Dar es Salaam, Osman said, "our outdated drainage systems weren't built to accommodate the expansion of major cities; with the current population, our systems are overwhelmed. To rectify the situation, we recommend the use of large diameter pipes and stormwater retention tanks; and we liaise with government agencies such as the Tanzania Rural and Urban Roads Agency (TARURA) to see through implementation of such projects."

"To ensure continuous growth in the sector, central and local governments need to

be flexible and receptive of technological changes," and in order to support this sentiment, Plasco trains Engineering students and Artisans from local universities and Technical Colleges respectively, to prepare them for the advancing industry and new technologies. "With these initiatives, our goal is to ensure that we ultimately create technology-conversant professionals who can utilize these new technologies," noted Alimiya.

Plasco Limited is 100 percent locally owned,

The use of Weholite large diameter pipes and storm water retention tanks will accommodate the expansion of major cities, relieving pressure on drainage systems sustainably.

whilst Tanzanian nationals make up the entire workforce in senior positions except for a few technical roles. In essence, Plasco is a local company that has showcased excellence in the sector with compliance to international standards.

Plasco has become the benchmark for innovative water supply, storage and sanitation solutions not only in the East African region, but across the continent.

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Weholite Tank.



Weholite factory at PLASCO LTD.



Road Culvert (Kiluvya to Kisarawe road culvert Consultant TANROADS - Coast Region Project owner - Tanzania National Roads Agency (TANROADS) Location Visegese, Dar Es Salaam, Tanzania