

Giant GRP silo for foodstuff storage...

Polem, based in Lemmer, the Netherlands, earlier this summer reached a milestone in its history by producing the largest GRP (glass reinforced plastic) silo that the company has ever built. The vessel, which was constructed as a single unit, has an internal diameter of 5000mm and a height of 31.5m. It has a capacity of 500m³ and is mounted on a skirt. The end customer will use the silo to store corn granulate used as a compound in the food industry.

It was shipped in mid-June by inland waterway to Marckolsheim in France where Polem took responsibility for its installation. The order had been placed in February this year by Kastenmüller Schmidt Austria (KSA), an international supplier of mills and silos to the food industry. The vessel was built as one seamless piece and equipped with sandwich insulation (foam covered with a GRP jacket), factors which minimise risk of condensation forming on the inner wall of the silo. It was delivered complete with vibrating bottom and explosion panels. Polem is currently building two further silos of the same size. www.polem.com



The Polem 31.5m tall silo being rolled out of the company's Lemmer factory en route to France