Slurry Tank Roofing

Our company covers pits with an internal diameter of 15 to 35 metres with special strength tarpaulins. This solution reduces ammonia leakage and other flammable gases from the pit into the air, and also prevents rainwater from flowing into the pit. Our experts will assess the construction at your site, provide you with a structural calculation and take care of the complete assembly. Installation is then carried out by assembling the prepared concrete pit steel hoops around the perimeter of the pit which anchor the strength courts located on the ring in the middle of the pit. This ring is perched on a stainless steel or concrete column. We use only stainless steel during the assembly, which significantly prolongs the the life of the roofing. After the court is tensioned, a special strength tarpaulin (900 g/m^2) is stretched over the structure.

WHY?

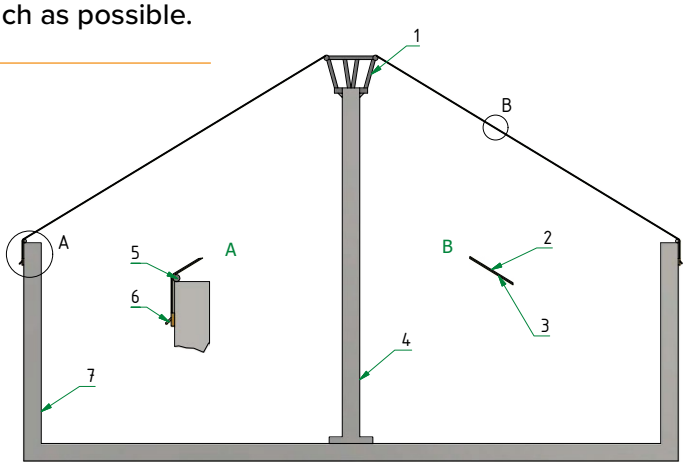
Primarily due to its ability to reduce leakage of ammonia and other odorous gases from the tank into the atmosphere. Secondly, it also prevents rainwater from leaking into the tank.

HOW?

We install steel hoops along the circumference of the existing concrete tank to anchor the straps mounted in a ring in the centre of the tank. The ring is fitted onto a stainless or concrete pillar. After the straps are tensioned, a special rigid canvas (900 g/m2) is stretched onto the structure to provide roofing. The entire solution is provided along with structural analysis and installation work. All the steel components are made of stainless steel to extend the system‘s service life as much as possible.

PRODUCT DESCRIPTION:

1. Stainless steel ring
2. Covering tarpaulin
3. Curt
4. Pillar (concrete/stainless steel)
5. Tarpaulin protection
6. Tensioning ratchet
7. Concrete pit



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