
EnviroWrap Group is known for its innovative ideas on improving Encapsulation and Containment techniques.

*The top photo to the right is a pilot project carried out at the Rig Blast Group Aberdeen yard. The tent was constructed in high winds to simulate an off-shore environment. The sheeting was installed in winds gusting 45 mph using the new **EnviroWrap Tensioning Method** which avoids the use of Hot Work Permits as no heat source is used in the installation methods. This application is unique to **EnviroWrap Group** and represents a breakthrough in sheeting within Hazardous areas.*

The lower photo is of a tent constructed as a pilot for Dow Chemicals and the Kaefer Group, again the key requirement was to enable encapsulation to be carried out on live plant without the use of Hot Works and without the problems always experienced with traditional sheeting methods that disintegrate in heavy weather conditions.





ENVIROWRAP™ ENCAPSULATION

NEW TENSIONING SHEETING APPLICATION

As part of the Company's development program a new method of encapsulation and containment sheeting has been developed by the EnviroWrap Group.

The development of this system evolved as a result of a requirement to provide high quality containment to tanks and pipe-bridges on an LNG facility in the UK outside of plant shutdowns/stops.

Extensive trials were carried out both in the UK and The Netherlands resulting in the development of both sheeting, adhesives and purpose made tools which enables the EnviroWrap Limited Trained Operatives to tension the sheeting onto a structure and sealing the joints with a high grip contact adhesive. The quality is such that EnviroWrap is prepared to offer a 6 months full guarantee of the installation in winds of up to 80 Km/h. And up to a 24 month guarantee subject to agreed maintenance contracts.

COST EFFECTIVE

Since April 2008 the new installation has been successfully installed at m2 rates which are not too different to those of the traditional Shrink-Wrap methods of containment, the advantage of this Tensioning Sheeting is that as the sheeting remains at its original thickness as it is not being heat shrunk which reduces the thickness of the sheeting. This enables lighter sheeting with even consistency to be installed.

In addition, the sheeting works can be carried out during normal plant operations, thus allowing pre-stop Containments & Tents to be constructed in advance of the plant shutdown enabling more program time to complete the shutdown works.

FLEXIBILITY

As a result of the elimination of Hot-Works Permits, plant and construction managers can have installed secure and durable containments throughout the yearly plant operational cycles.