Leak Détention Control
Mondoubleau, France – Teranap manufacturing
Siplast – Teranap TP

The experts in Geomembrane Systems
Bituminous Geomembrane now with Leak Detection System
Teranap TP Control
Leak detection system

Innovative and exclusive technology, under the Siplast patent

The first integrated leak detection Geomembrane

Fast reliable leak detection
Teranap TP Control

First bitumen geomembrane with integrated leak control system

- Easy leak detection
- Precise leak location
- Non-destructive control
The control channel is embedded in the geomembrane and located in the middle of the weld melting zone. When the overlaps and welds are completed, the channel becomes fully encapsulated between the two layers of the membrane.

Waterproofing control – leak detection is carried out after the welding of Teranap TP rolls.

The tracer gas is injected at low pressure into the channel, and will spread along the geomembranes welded channel finding all possible escape routes.

Thanks to it’s sensitivity and selectivity, the detector is able to quickly locate the leak with high precision.
Teranap TP Control
Welding quality control – tools required

- Leak detection by tracer gas and lightweight control tool providing a very reliable process to determine precisely any leaks.
- Leak detected instant alarm sounds with gas tracer meter reading and warning flashing light.
- Thanks to the sniffer canes sensitivity that is used along the weld, the portable device detects if there is any presence of tracer gas molecules and locates the precise location of the leak.
- It can be confirmed with a water / soap solution.
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Same welding technique

Overlaps
20 cm for Teranap 4m wide - Mining
15 cm for Teranap 2m wide - Construction
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Same pressure seal technique
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Simple setup detection
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Fast accurate detection
Teranap TP Control
Protected design
Teranap TP Control

VIDEO - LEAK DETECTION SYSTEM
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LEAK DETECTION SYSTEM
We see further
Thank you for your attention and patience

Teranap  Australia – New Zealand