

BMI PRESENTATION

Teranap TP Control – Geomembrane



Leak Detection Control

Darin Fitzgerald - March 2019
Australia – New Zealand





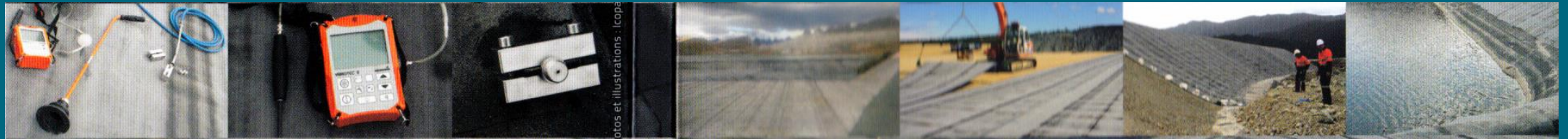
Siplast – Teranap TP

The experts in Geomembrane Systems

Teranap TP Control

NEW

Bituminous Geomembrane
now with
Leak Detection System



Teranap TP Control

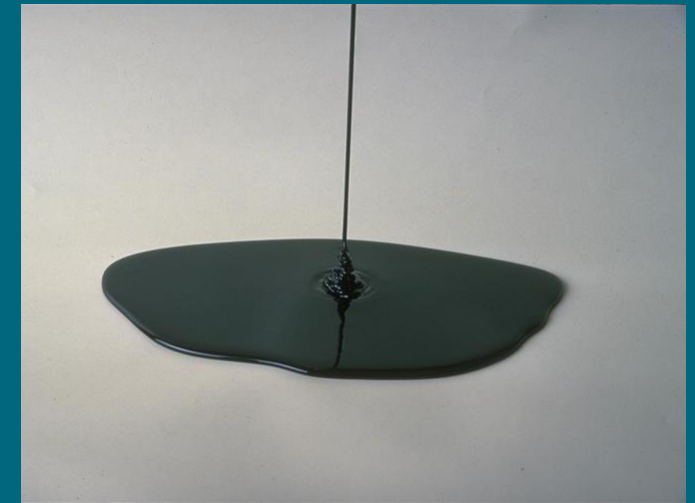
NEW

Leak detection system

Innovative and exclusive technology, under the Siplast patent

The first integrated leak detection Geomembrane

Fast reliable leak detection



Teranap TP Control

NEW

Teranap Control

First bitumen geomembrane with integrated leak control system

- ✓ Easy leak detection
- ✓ Precise leak location
- ✓ Non-destructive control

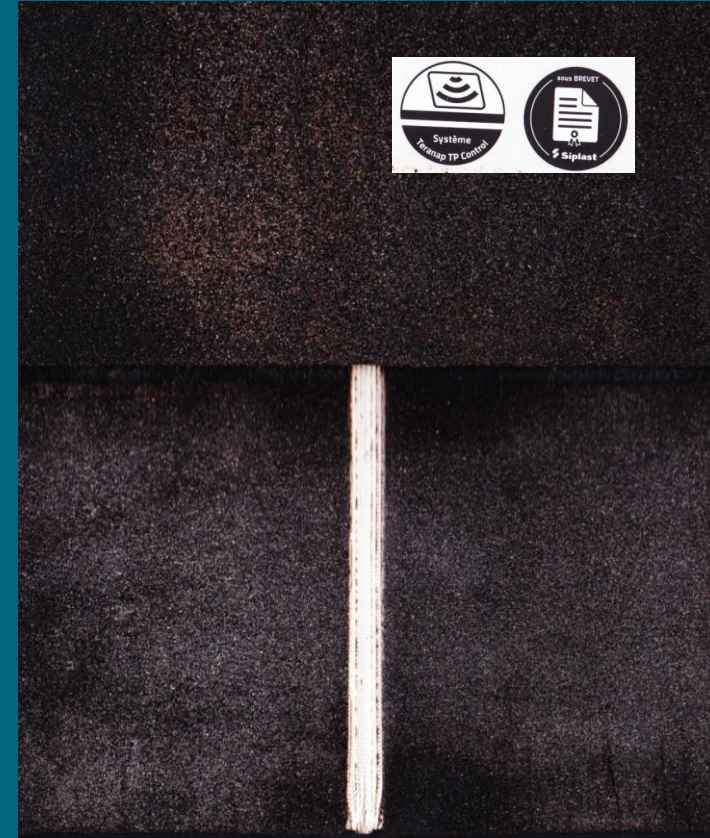


Teranap TP Control

Leak detection system

NEW

- 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

NEW

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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NEW

Same welding technique



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NEW

Same pressure seal technique



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Simple setup detection

NEW



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Fast accurate detection

NEW



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Protected design

NEW

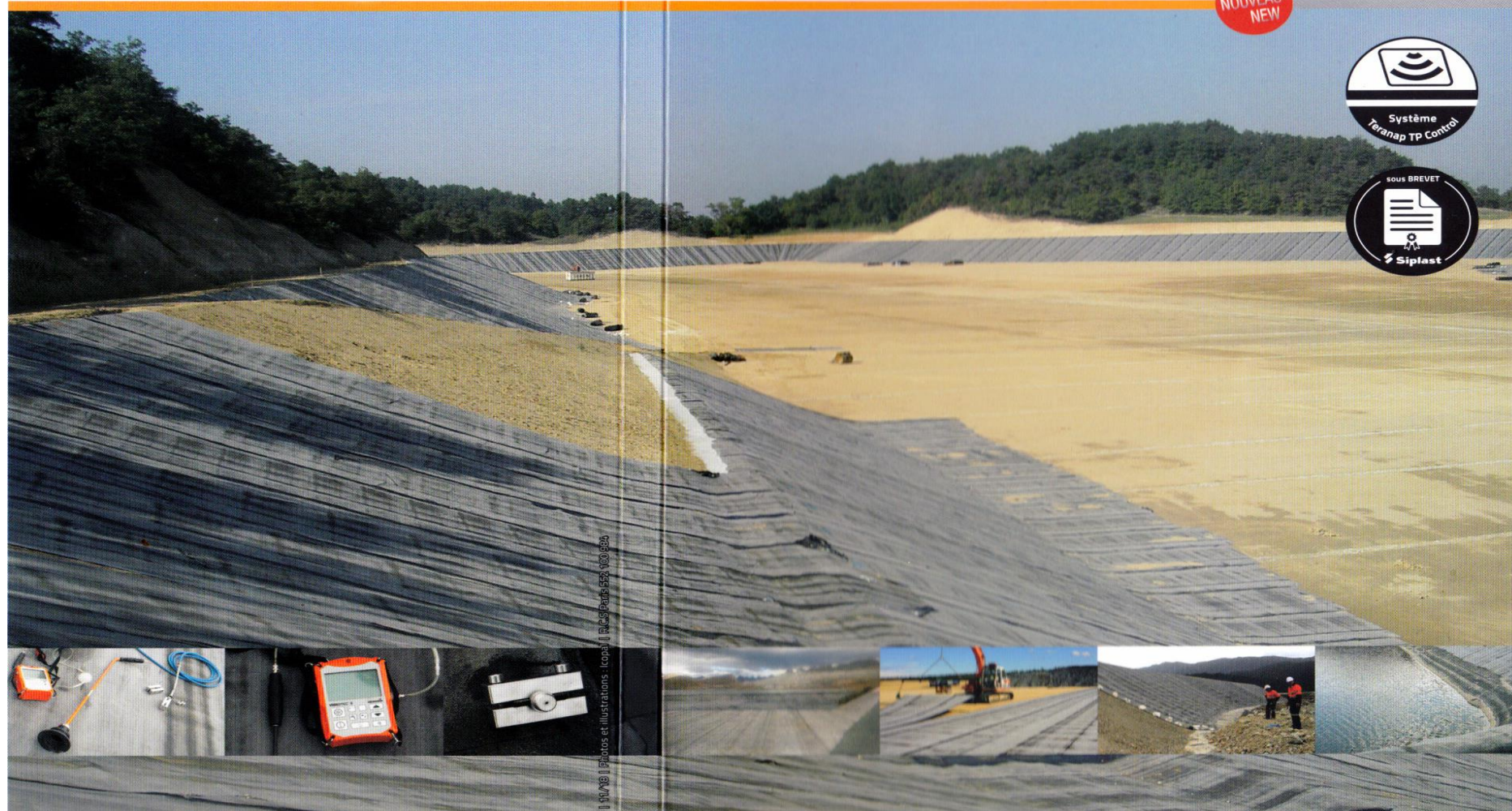


Teranap TP Control

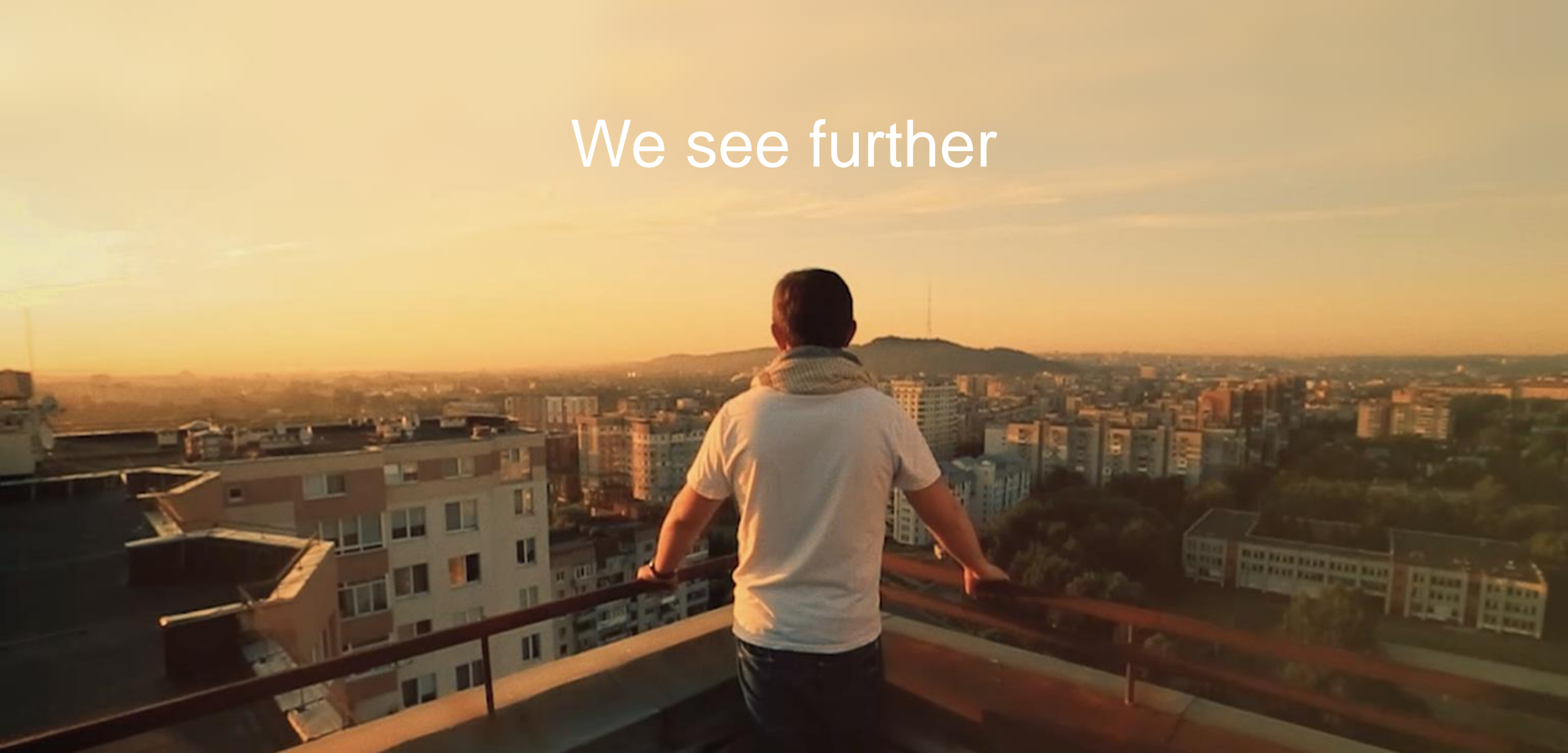
VIDEO - LEAK DETECTION SYSTEM

Teranap TP Control

LEAK DETECTION SYSTEM



We see further





Thank you for
your attention
and patience

Teranap Australia – New Zealand