

# T-Clip® PROform AIR

## Innovative Tube Protection Systems

Discover the next generation of ceramic tube wall tiles with **T-Clip® PROform AIR**, developed through a strategic collaboration between **Gouda Vuurvast Services**, specialists in installation and service for the Waste-to-Energy (WtE) industry and **Saint-Gobain**, a global leader in advanced refractory solutions.

Together, we bring you the **T-Clip® PROform AIR system** – an innovative evolution of the proven T-Clip® PROform family. These nitride-bonded silicon carbide (NBSiC) tiles are engineered to deliver superior performance, enhanced protection, and operational efficiency for high-demand WtE environments.



Enhanced  
protection

Cost-  
effective

Easy  
replacement

### Engineered for Performance

- **Rear-Ventilated System**  
Circulating air behind the tiles forms a protective barrier against corrosion, extending the life of the boiler tube wall.
- **Precision Joint Sealing**  
Profiled joints and mortar-filled expansion gaskets seal the system's front face, enhancing thermal integrity and reduce air losses.
- **Fast, Flexible Installation**  
A wide anchor groove enables quick adjustment, while the advanced T-Clip® metal anchor system ensures a secure fit – even on misaligned walls.
- **Built-In Air Cushion**  
A controlled air gap creates a protective buffer zone that reduces thermal and chemical stress on the tube wall.
- **Optimized Design**  
The system's lightweight tiles and 2-tube, single-fixing layout make handling, fitting, and maintenance more efficient than ever.

#### REAR-VENTILATED TILES

provides superior corrosion protection through the system circulating air behind the tiles protecting the boiler tube wall & ensuring long lasting solution

#### PROFILED JOINTS

With an expansion gasket, filled with mortar to effectively seal the front face

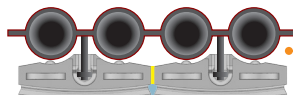
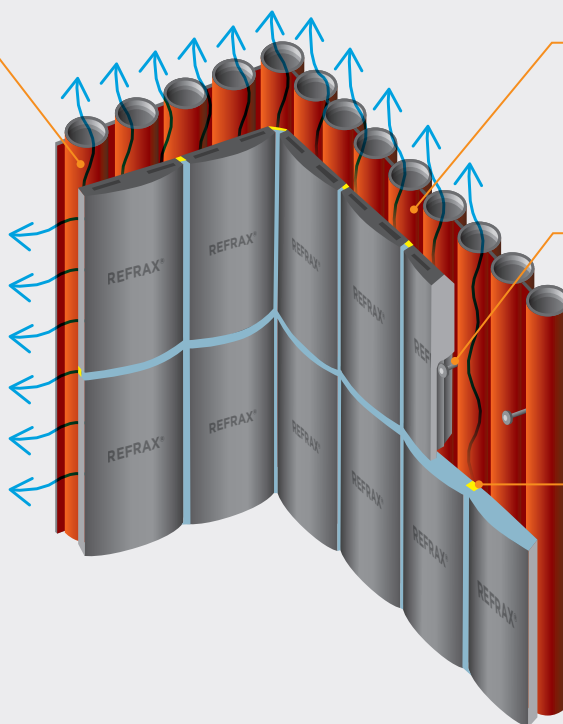
#### WIDE ANCHOR ROOVE

For fast adjustment when installing

#### TUBE WALL

#### THREADED ANCHOR PIN WITH ADJUSTABLE WASHER

#### FIBRE GASKET FILLED WITH MORTAR



#### NO BACKFILLING NEEDED

### Why Choose T-Clip® PROform AIR?

- Proven Design**  
The proven one anchor system avoiding corrosion of anchors in systems that have fixation in or around joint areas.
- Enhanced Protection**  
Experience the strength and reliability of Saint-Gobain's Refrax® silicon carbide tiles – known worldwide for durability, thermal stability, and corrosion resistance.
- Cost-Efficient Operation**  
Lower your refractory maintenance costs with tiles designed for long-term use and significantly reduced replacement frequency.
- Hassle-Free Installation & Replacement**  
Easily replace bulky, outdated tile systems with a lightweight, compact design – all with minimal downtime and maximum safety.

### The Power of Partnership

The T-Clip® PROform AIR solution is more than just a product – it's the result of a trusted partnership between two industry leaders. By combining Gouda Vuurvast Services' field-tested installation knowledge with Saint-Gobain's material science & expertise, we deliver a smarter, more reliable solution tailored for the demands of modern WtE facilities.



All intellectual property rights related to the design of the T-Clip product, as well as the trademarks T-Clip, SAINT-GOBAIN and the Skyline logo, are owned by the Saint-Gobain Group.



T-Clip® PROform AIR tiles with fibre & metal location discs

