



Serving the industry with refractory solutions

Gouda Vuurvast Belgium NV, an autonomous operating subsidiary of Andus Group BV, specializes in construction and maintenance of refractory linings in various industries. Refractory installations are conducted in accordance with international safety- and quality standards. Gouda Vuurvast Belgium is continuously developing new and innovative refractory systems and application techniques. The VHT5-tilesystem for waste incinerators is a good example, leading to increased lifetime and shorter down times.

VHT5-tilesystem: optimal boilertube protection

In recent years waste that is offered for incineration has seen a change in caloric value as separation and sorting is implemented ever more stringently. As a result membrane walls are being exposed more intensively to varying temperatures and ingress by corrosive gasses. Gouda Vuurvast Belgium has combined their experience with client demand leading to the development of the VHT5-tilesystem. This system features Variable Heat Transmission with silicon carbide contents ranging from 30% up to a nitride bonded version, an expendable glue to eliminate any space between the tile and the

membrane wall, a single point Inconel anchor system and a uniquely designed expansion configuration. The VHT5-tilesystem guarantees excellent results in meeting the challenging demands in waste incineration today.

Optimal products and services

Gouda Vuurvast Belgium is continuously working on improving products and services in order to ever better serve its clients.

Some of the newest developments are:

- **VHT^{plus}-tilesystem:** enhanced slag and chemical resistance.
- **ULP-bricks (Ultra Low Porosity):** bricks with excellent thermal shock and slag resistance.
- **High fired precast shapes:** unique made to measure shapes for headers, noses, etc.
- **Special repair masses:** to get back into service after a repair without losing time following a dry-out curve.
- **High performance:** a dedicated project manager and installation crew aimed on getting the job done on time and to the highest safety and quality standards.