Superwool® Prime EES System

The breakthrough system helps industries opting for electrically heated units to decarbonize their processes with the reduction or complete elimination of fossil fuel combustion in industrial heating applications, with no compromise on health and safety by utilising the reliable, low biopersistent fibre; Superwool Prime.

Our system features cutting-edge alloy-based electrical elements capable of reaching operating temperatures up to 1200°C*, enabling the reliable operation of the electric heating unit at high temperatures.

The Complete Solution Tailored to Your Needs

The EES system is a fully integrated solution, combining Superwool Prime Pyro-Bloc® modules, an internal steel anchoring system, engineered ceramic support components, and specialized alloyed electric elements.

Our expert engineering team will work closely with you to provide a customized solution, including:

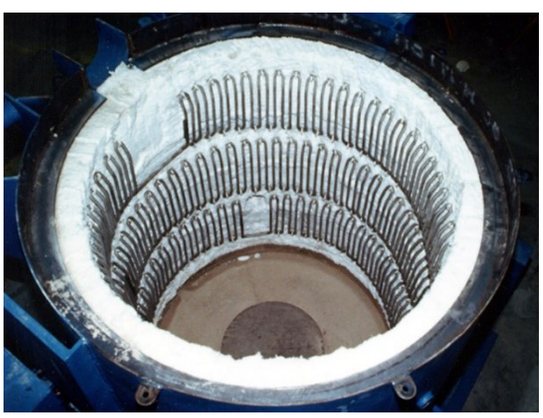
- Insulation lining design
- Electric element selection & design
- Electric element formation
- Detailed installation manual
- Installation supervision

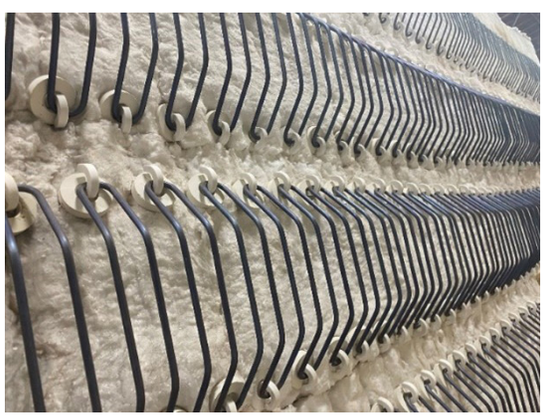
*maximum operating temperature in neutral atmosphere and absence of pollutants.

Key Features

- Best-in-class thermal conductivity
- 1300°C classification temperature
- Health & Safety – exonerated fibre
- Low shrinkage at high temperature
- Superior thermal shock resistance
- Insulation lining simplification
- Excellent durability and resiliency
- Easy and traditional installation
- Rapid maintenance
- Flexible and easy modularization

For more information, please visit our website landing page and product datasheets





For higher temperatures and highly polluted environments, we can also offer:

RCF Cerafibre - maximum operating temperature 1180°C

RCF Cerachem - maximum operating temperature 1380°C

If you are ready to decarbonize your heating systems and go electric, contact us below

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Thermal Ceramics is a business of Morgan Advanced Materials

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