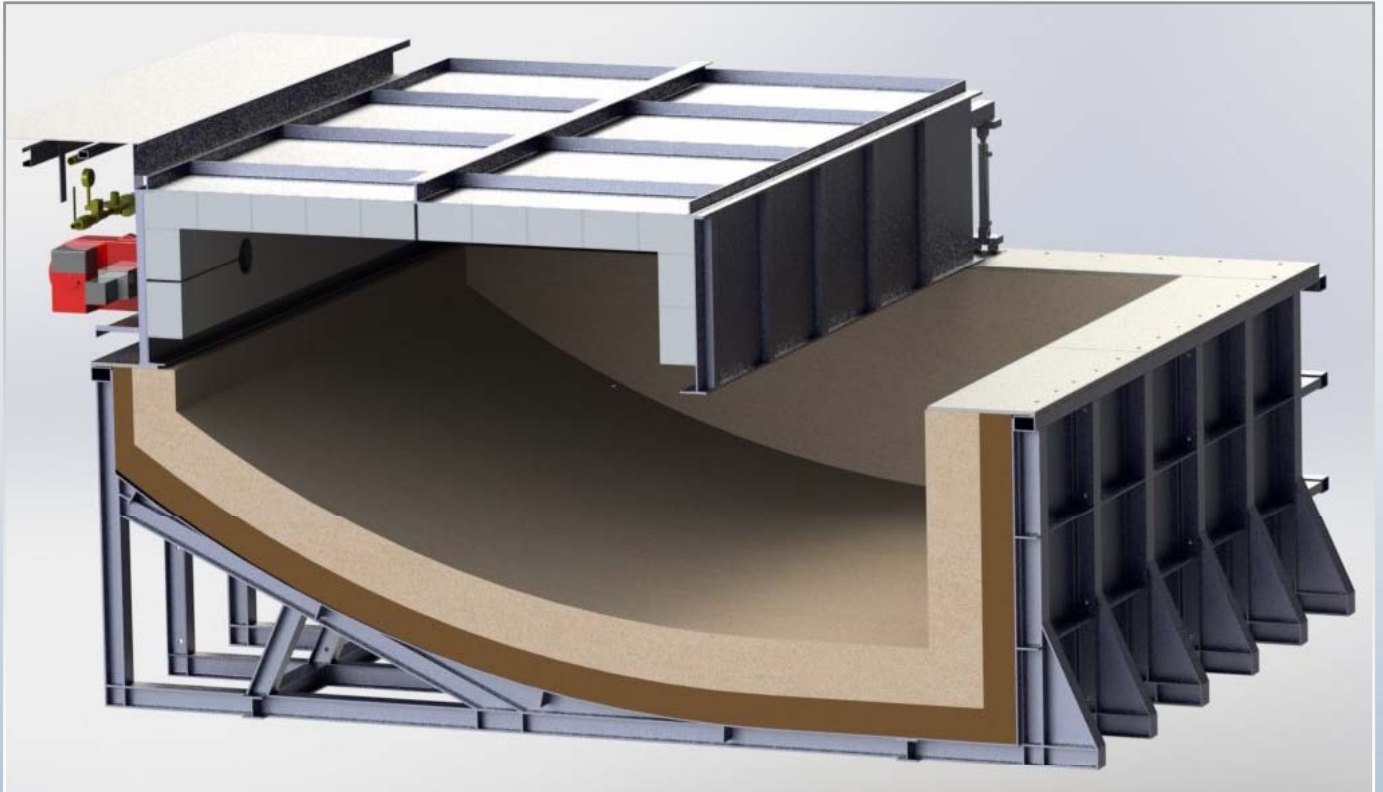




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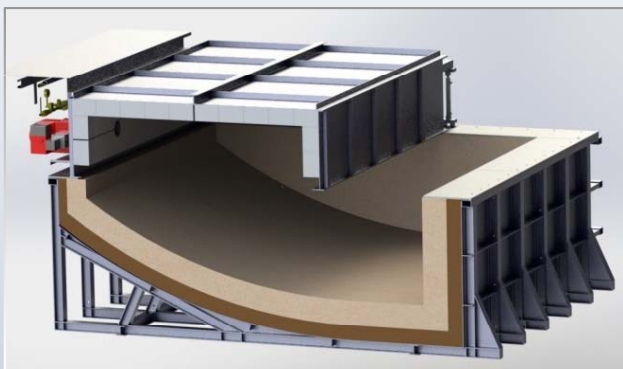


Top Heated Ceramic Lined Galvanizing Furnace



C. H. Evensen Industrier AS
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● **The many advantages** of ceramic lined galvanizing baths should be well known to most galvanizers. The fact that molten zinc does not form a chemical composition with refractory materials, as it does by formation of zinc ferrite with iron in a steel kettle, prevents the inconvenience and high cost of kettle changes, as ceramic lined baths will have an indefinite life.



● **The ceramic lined galvanizing baths** have over the years been subjected to continuous developments. These have mainly been directed towards the design of the refractory lining, the refractory materials and the steel structure supporting the zinc and the refractories.



● **Most of the development** work in this field has been carried out by C.H.Evensen. The extremely long life of ceramic lined galvanizing baths of C.H.Evensen design, proves that any possibilities of zinc leakage or zinc penetration through the refractory lining due to thermal expansions and high hydraulic pressure, has been abolished, even at high temperature galvanizing.

● **Top heated baths of C.H.E design** have been in continuous operation for nearly fifty years without any damage of the refractory bath lining. C.H.E. has know how and experience from installation of gas, oil and electric heated top heated baths of depth up to 2,8 m and length up to 17,5 m.

● **High temperature Galvanizing**
High temperature galvanizing at 560 C is used for galvanizing small components such as fasteners, threaded bolts, nails and brackets. High temperature galvanizing gives uniform and controllable coatings, also to silicon and aluminium killed steels.