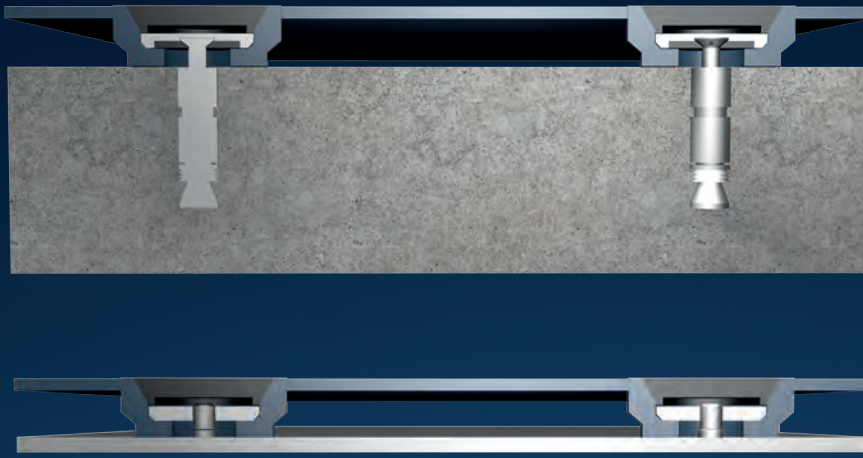


Plastics Engineering | **BEKAPLAST BOLTED LINING™**

Bolted thermoplastic lining for
steel and concrete structures



Bekaplast Bolted Lining™ – The bolted thermoplastic lining with control space

With Bekaplast Bolted Lining™ STEULER-KCH offers a safe thermoplastic lining that can be fastened to vessels, apparatus and sewers even after initial installation.

Changing temperatures cause different thermal expansion in plastic, concrete and steel. One simple bolt causes high surface pressure at the lining fixing points.

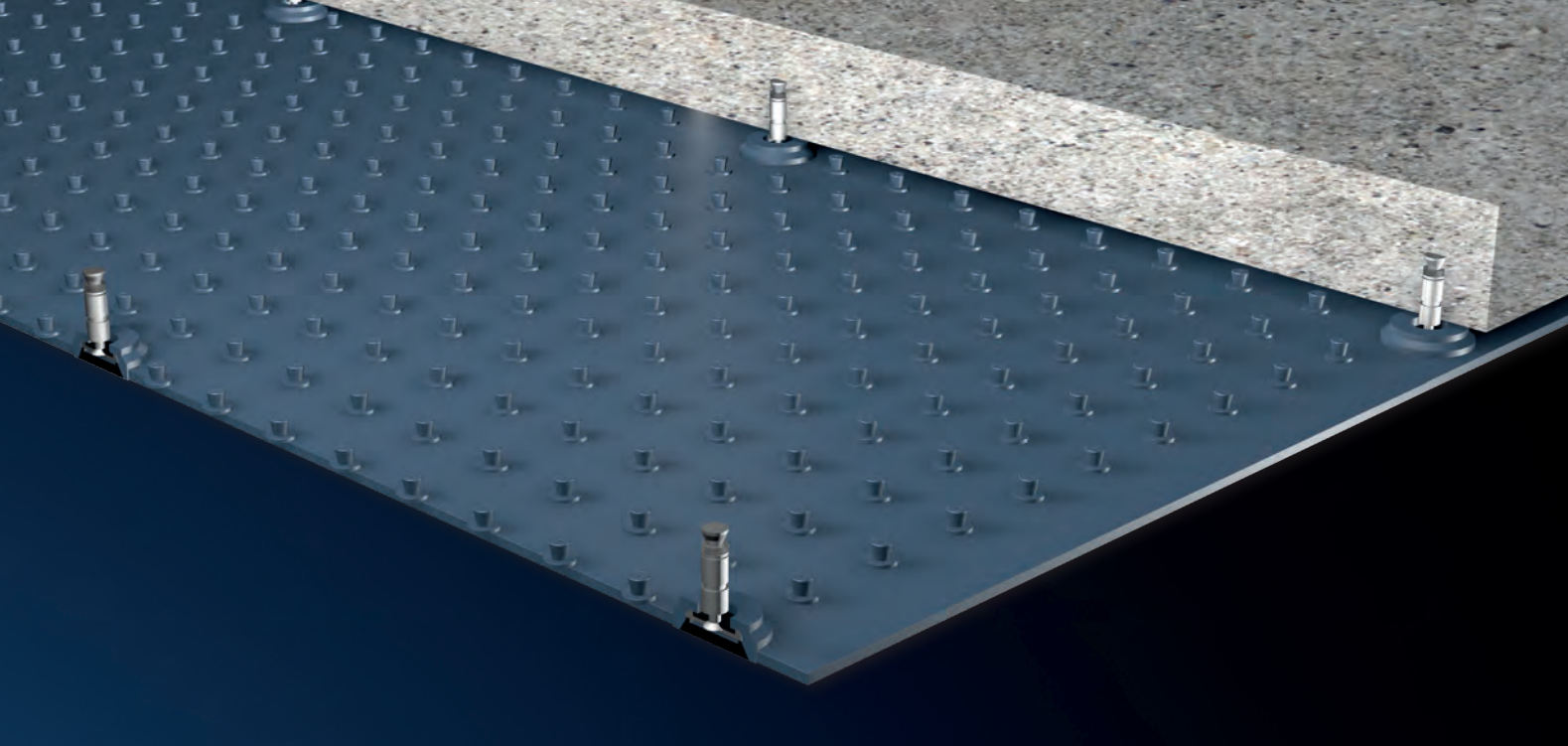
This leads to notches in the plastic material and even material failure and detachment of the thermoplastic lining over a longer period. Bekaplast Bolted Lining™ is based on a system solution that reliably avoids excessive surface pressure at the fixing points of the thermoplastic material.

The lining technique for the repair of concrete structures

Until now safe lining of pre-cast concrete structures was only feasible by means of labour-intensive shuttering work and the use of backfill concrete.

Bekaplast Bolted Lining™ eliminates both labour-intensive shuttering and backfill concrete. This generates cost benefit and innovative planning alternatives.





The safe thermoplastic lining for steel equipment and vessels

Perhaps of even greater significance is the possibility to install the plastic lining into sheet steel equipment or vessels. Using Bekaplast Bolted Lining™ a sealed thermoplastic tank is installed in the supporting sheet steel tank.

The resulting gap between plastic lining and steel serves as a distance and/or control space. The excellent characteristics of highly chemical resistant thermoplastic material can therefore also be used for lining steel equipment in plant, chemical or sewer engineering.





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Together with its international subsidiaries and representatives, STEULER-KCH offers its customers a worldwide network in the development and implementation of comprehensive solutions in industrial corrosion protection systems.



SURFACE PROTECTION

Lining and flooring systems
Cements, jointing materials,
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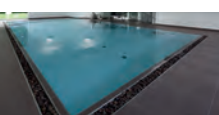
PLASTICS ENGINEERING

Equipment, piping and tanks made of
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Thermoplastic lining systems



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