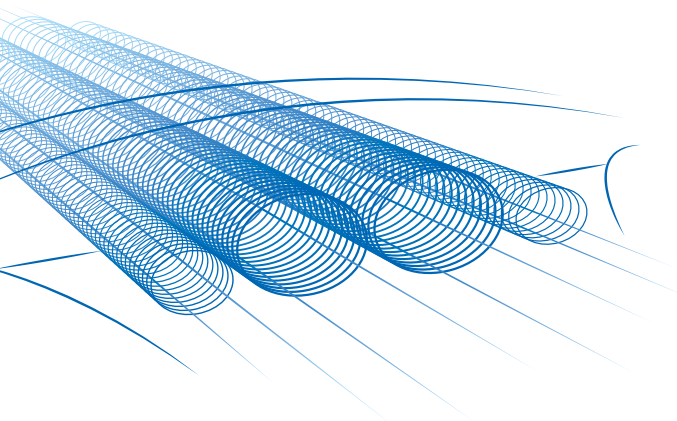


# INNOVATIVE INFRASTRUCTURE







ViaCon was founded in 1986 in Sweden and Norway, with a focus on sales, engineering and manufacturing of corrugated steel structures.

Today, ViaCon Group encompasses more than 30 companies in 18 countries in Europe, the CIS and the Middle East. The Group manufactures flexible corrugated steel and plastic pipes as well as corrugated steel structures used to build culverts, bridges, animal crossings and tunnels. Our signature products include large span structures, for which we are the sole producer in Europe. With a focus on designing and engineering innovative solutions, ViaCon's product range has expanded to plastic pipes, geosynthetics, and in some markets a complete range of products for water and sewer systems. Our customers include large multinational contractors, national road and railway agencies, and small local businesses.

ViaCon is the technology leader in Europe. Our R&D activity includes active cooperation with governments and universities to create state-of-the art products and solutions. Environmental awareness, health, and safety are key features of our design process, and our products comply with national standards and follow international codes.

Since 2010 ViaCon Group is co-owned by SafeRoad Group.

For more information about the ViaCon Group, please visit:

**[www.viacongroup.com](http://www.viacongroup.com)**





## MultiPlate MP200, SuperCor and UltraCor

Buried flexible steel structures have been used for the construction of culverts, bridges, underpasses, overpasses, tunnels and animal under and overcrossings for over 100 years. They are also very common in re-lining applications to renovate existing structures. Steel structures are made of galvanized corrugated steel plates and reach spans of more than 30 m. The structures are simple and easy to assemble. Soil-structure interaction between the steel structures and the surrounding backfill allows the structures to take all kinds of road and railway loads. Advanced design and corrosion protection will provide an expected lifetime of 100 years service.

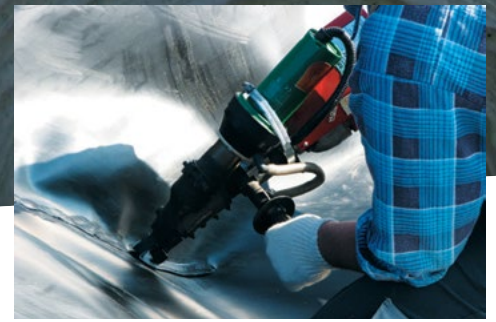


## HelCor and HelCor PA

Helically corrugated steel pipes HelCor and pipe-arches HelCor PA are ideal solutions for culverts, small underpasses and other industrial applications like ventilation, vertical shafts etc. The range of diameters is 300 mm - 4500 mm. Installation time for HelCor and HelCor PA is much shorter than for concrete pipes. Easy and quick assembly helps to reduce the total construction time for culverts or other structures, allowing the contractor to install the culvert in stages without stopping the traffic. Advanced corrosion protection systems guarantee 100 years lifetime of service. Construction of culverts with the use of HelCor and HelCor PA is more economical than traditional concrete culverts. They are designed to take all road and railway loads.







## Geosynthetics

Geosynthetics are products made of polymeric or natural materials and they are widely used within civil construction applications. These innovative materials can be used in various applications in geotechnical, environmental and hydraulic engineering. Geosynthetics provide solid engineering solutions and can extend lifetime of structures. ViaCon provides a complete range of geosynthetics like: nonwoven geotextiles, woven geotextiles, geogrids, natural erosion control mats, asphalt reinforcements, erosion control products, geomembranes, bentonite liners and many different types of geocomposites. ViaCon – the market leader in geosynthetics, creates innovative engineering solutions using the latest application knowledge for every type of civil engineering challenge.



## PECOR OPTIMA & Pecor Quattro

Our plastic pipes are used for culverts as well as storm sewers. They are designed to carry road and railway loads. The unique structural wall provides optimal stress distribution across the whole pipe length to ensure optimal ring stiffness for each section (SN6 and SN8 for PECOR OPTIMA and SN8 for Pecor Quattro). The smooth inside wall of the pipes made of polyethylene (HDPE) for PECOR OPTIMA and polypropylene (PP) for Pecor Quattro provides optimal hydraulic parameters. PECOR OPTIMA pipes are produced in a range of diameters DN/ID 300 -1200 mm and Pecor Quattro DN/ID 200-1000 mm.







## ViaWaterTank - underground detention tanks

ViaWaterTank made from helically corrugated steel pipes HelCor can be used as detention tanks in gravity storm water drainage systems, fire water tanks, process water tanks, settlement tanks for waste water pre-treatment, and coalescence separators for removal of petroleum derivatives from storm water. Interior diameters range from 1000 to 4000 mm while the max single element is 16 m in length. They are designed to carry high traffic loads.



## Other infrastructure products

ViaCon also offers a wide range of other products from different groups, such as:

- Railway implementation and application materials
- Temporary and permanent Acrow bridges
- Environmental protection products
- Retaining walls
- Water and sewage products

For more technical information contact local ViaCon company.





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