

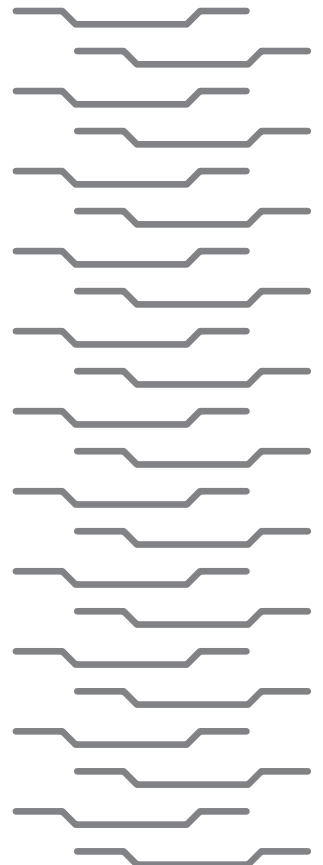
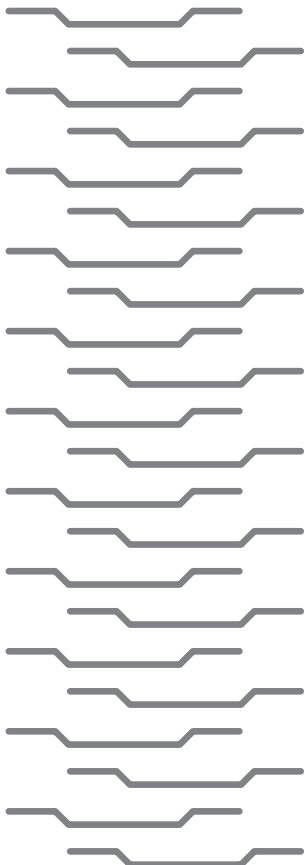
STEEL FIBRES FOR CONCRETE REINFORCEMENT



WAYS TO FOLLOW

QUINISTEEL ADVANTAGES:

- HOMOGENEOUS CONCRETE REINFORCEMENT
- AVOIDS LAYING MESH
- INCREASED BENDING TENSILE STRENGTH
- INCREASED IMPACT RESISTANCE
- IMPROVED POST-FAILURE BEHAVIOUR
- LARGE JOINT AREAS (UP TO 2000 M2)
- ELIMINATES STRUCTURAL CORROSION PROBLEMS
- REDUCED TENDENCY TO SHRINKAGE CRACKS
- EASY HANDLING



APPLICATIONS:

Top performance in practice



Floors

- Industrial floors
- Roads and trafficked areas

Industrial floors, heavily loaded pavements at airports, concrete slabs for road construction - the potential applications for concrete reinforced with QuiniSteel® steel fibres are incredibly diverse. Even when environmentally hazardous substances are involved, e.g. at petrol stations, the dense microstructure proves its worth.



Precast concrete elements

- Wall elements
- Garages
- Pipes
- Tubing

First-class material properties mean that concrete reinforced with QuiniSteel® steel fibres is also recommended for the production of precast elements for building and industrial applications. Modular constructions such as precast garages, electricity substations or cable ducts, but also concrete pipes, can therefore be produced cost-effectively.



House building

- Foundation slabs
- Walls
- Screeds

House building is now a classic application for QuiniSteel® steel fibres. Superior bending tensile strength, cracking strength and better shrinkage behaviour of the “reinforced” material are important arguments for the user - and time and cost savings are fundamental advantages that support the use of these “clever” fibres in construction.



Refractory concrete

- Petrochemicals industry
- Blast-furnaces
- Foundries

Refractory concrete produced by means of tamping, casting or spraying is used when maximum resistance is required. For example, in the petrochemicals industry, in iron- and steel-making, in the cement industry, in the production of coke, in foundries, in brick and pottery kilns.



Shotcrete

- Preliminary stabilisation in tunneling
- Slope stabilisation
- Concrete renovation
- final lining

The application of sprayed concrete with QuiniSteel® fibre reinforcement in just one operation results in advantages over conventional techniques. For example in stabilisation of a slope or embankment, in tunneling or mining, for securing excavations or encasing structural components.



Safes and vaults

- Safes and vaults

Vaults, cash dispensers or secure installations - almost anything is possible with a material whose outstanding technical properties are also well-known in the specialist field of strongroom technology. If you want to know if QuiniSteel® steel fibres are suitable for your project or your product, and how much you can save, simply contact our team of advisers.



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