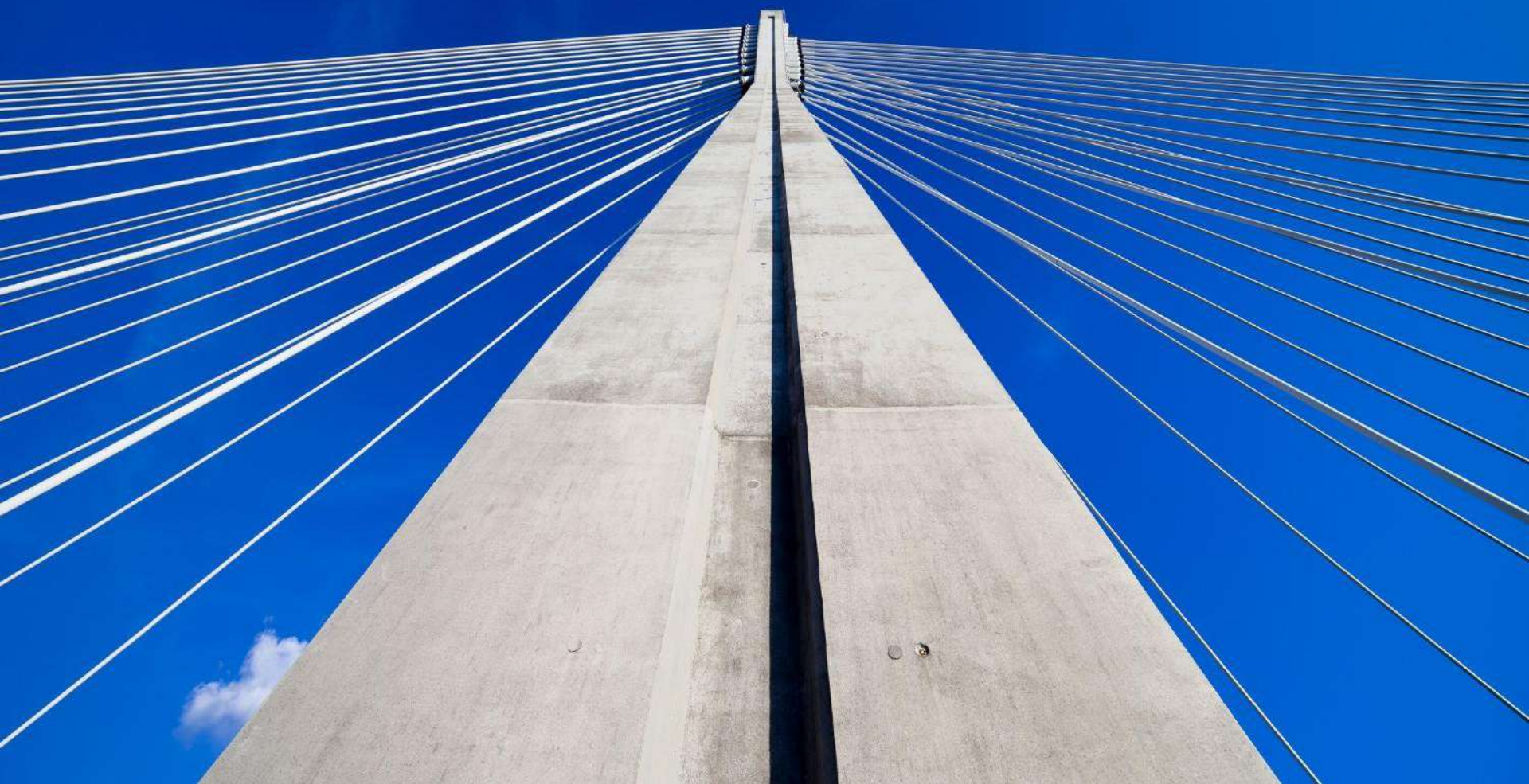


ADDITIVES FOR REPAIR MORTARS

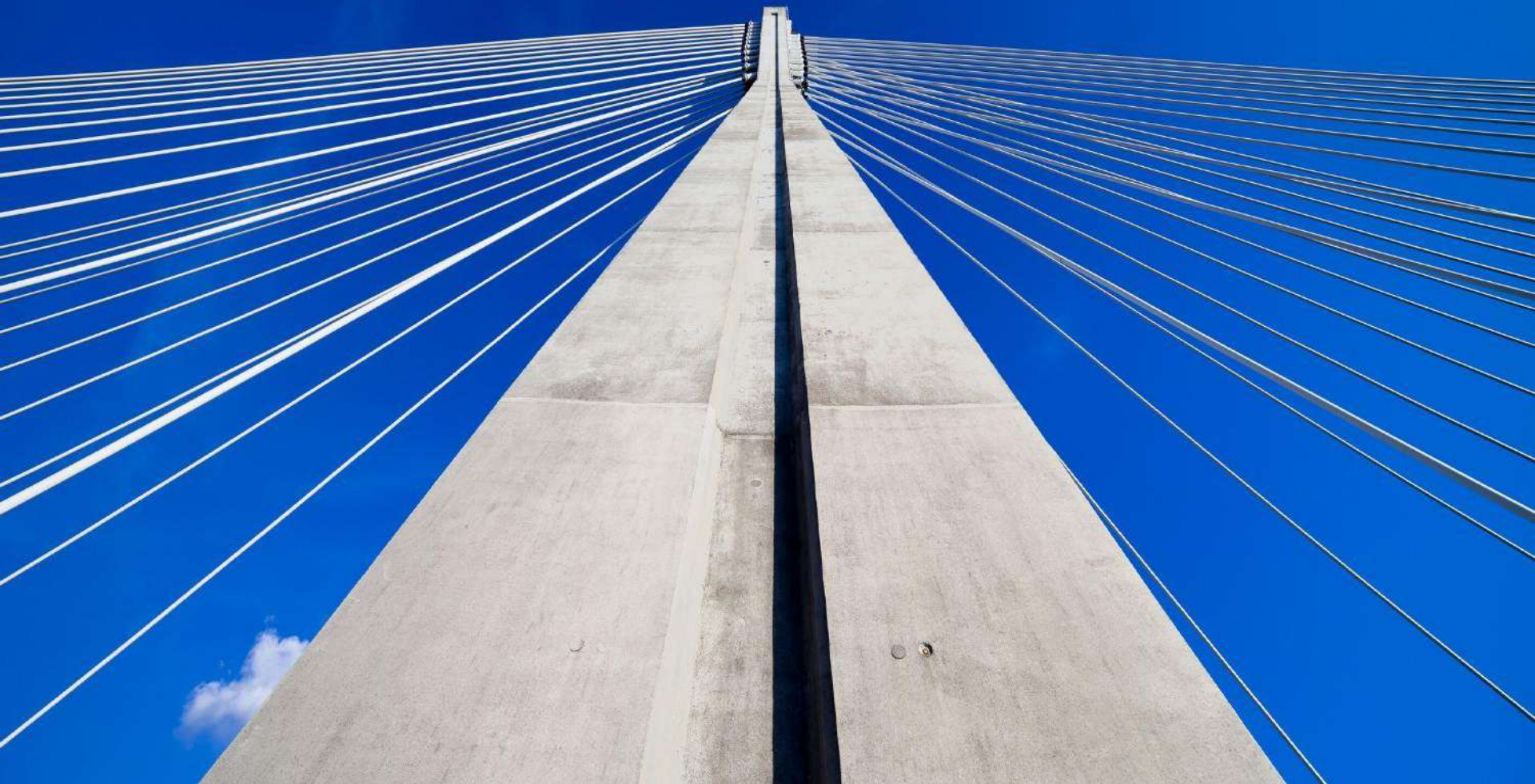


Technical mortars for concrete repair

Pentachem offers a complete series of additives for repair mortars for damaged concrete.

Thanks to the additives of **Pentachem**, it is possible to develop mortars and grouts for all the stages of the repair cycle, as well as smoothing mortars for the subsequent treatment.

REPAIR CYCLE



Lay bare the reinforcement rods



Treat the surface with **Antiox L 30** or with a passivating grout formulated with **Pentamix FER 2** and **Pentasil MCF**



Apply a thixotropic mortar formulated with **Pentamix IT.1**, **Pentaresin P3**, and **Fiberchem**



Apply a smoothing plaster formulated with **Pentagel RS 619**

Antioxidating treatment of the rods



Antiox L 30: it is an antioxidant liquid for the protection of the iron rods.

It is suggested for the first part of the repair cycle.

Antioxidating treatment of the rods



Pentamix FER 2: is an additive in powder form that hinders the corrosion of the rods and makes the application of the grout easier and more effective.

Pentasil MCF: is an additive composed of micro silica with a very high specific surface able to develop high resistances.

Thixotropic mortar



Pentamix IT.1: it is a solution additive in powder form for anti-shrinkage repair mortars.

It allows developing highly thixotropic and easy to apply mortars and it allows reaching high mechanical strengths (starting from R3 class) and a wonderful waterproofness.

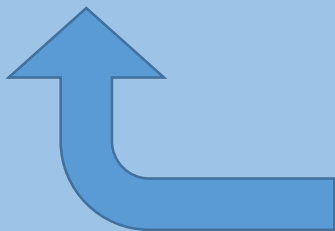
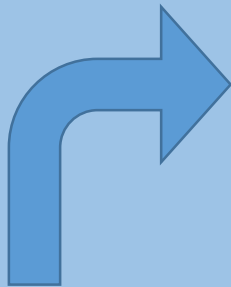
Thixotropic mortar



Fiberchem 4 mm: are fibres of polypropylene for fibro-reinforced mortars.

Pentaresin P3: it is a redispersible resin in powder form to be combined with Pentamix IT.1 to improve the adhesion to the support and reach the required strengths.

The phases of the repair cycle



Smoothing plaster



Pentagel RS 619: is a solution additive in powder form.

It allows preparing easy-to-apply cement-base smoothing plasters with high performances.

ADDITIVES FOR OTHER TECHNICAL MORTARS



Grouting mortar



Grouting mortar is used to grout machines and metal structures and/or for structural fills. The additive to use in its formulation is **Pentamix N**.

Pentamix N is a solution additive in powder form that allows preparing highly resistant, anti-shrinkage, and waterproofed fluid mortars.

THANK YOU FOR YOUR ATTENTION

