

XiTRACK® Polyurethane Ballast Reinforcement

Important notes regarding XiTRACK compared to Ballast Glue

The method of gluing ballast together is known to many track engineers as it has been around for a number of years. Its use is normally associated with increasing lateral resistance, either on curves, through S&C and at locations where ballast shoulders fall away. Glue is an epoxy resin system which relies on forming a bond between the individual stones.

It is important to be aware that XiTRACK is not ballast glue.

XiTRACK is unique and is very different to glue both in its mechanism and in its various uses.

XiTRACK is a polymer system that holds the ballast in place by means of adding a very strong web of polyurethane. This web absorbs energy and has a slight damping effect because of its inherent flexibility. Therefore, typically XiTRACK will not break up if the untreated ballast above or adjacent to it is tamped or renewed.

XiTRACK has a very long service life, as you would expect with polymers. Similar materials are widely used for buried utility pipes, deep sea pipelines and structural membranes. XiTRACK can normally be applied in any temperature or weather.

Numerous tests have determined the characteristics and strength the polymer and therefore installations are specifically designed such that a measured amount of material is applied. This enables an installation to continue working below the fatigue perimeters of the material and thus offer confidence in its service life.

***When specifying or enquiring about XiTRACK®, to avoid confusion,
please ask for it by name.***

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