



FLEXSTREN TECHNOLOGY

for DRYCAST RAILWAY SLEEPERS



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FLEXSTREN TECHNOLOGY

for DRYCAST RAILWAY SLEEPERS

CORROSION FREE, LOWER MAINTENANCE REQUIREMENT, LONGER LIFE, CYCLE PRODUCT

RESISTANCE TO FREEZE-THAW CYCLES

INSENSITIVE TO CRACKING

ELECTRICAL CONDUCTIVITY FREE

HIGH CHEMICAL RESISTANCE

**HIGH PRODUCTIVITY DUE TO IMMEDIATE
DEMOULDING PROCESS**

**FLEXTREN reinforcing ensure less relaxation
losses compares to steel reinforcement**

**EASY TO MAKE LOW VOLUMES CUSTOM
SHAPES**

**Low cost and reliable PRODUCTION LOTS
IDENTIFICATION**

APPLICABLE BY DRYCAST CONCRETE PRODUCERS



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WHAT DURABILITY DO THESE SLEEPERS HAVE?

Being a corrosion free reinforcement, the service life it is greatly improved. A possible crack does not generate any corrosion problem.

ABRASION RESISTANCE FROM BALLAST?

No abrasion: the FLEXSTREN reinforcing is inserted in perimeter slots and therefore protected, not in contact with the ballast. In addition, FLEXTREN reinforcing has a very strong resistance to abrasion and vandalism.

WHAT LEVELS OF OUTPUT CAN BE OBTAINED?

We have solutions from a few tens of sleepers per day, up to several hundred.

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ARE THERE ANY REGULATORY LIMITS IN THE USE OF FLEXTREN TECHNOLOGY?

No, there are already regulations applicable in many Countries as USA and Europe

WHAT GUARANTEES ARE THERE IN THE FLEXTREN REINFORCING?

It is a tested material and required by law, which also defines its calculation rules.

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**FSC CAN PROVIDE KNOW-HOW,
ENGINEERING SUPPORT, AUDITING
SERVICES TO ENSURE QUALITY**

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