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FLEXSTREN Technology

AFTER CURING CORROSION FREE REINFORCING

ENHANCING PRODUCT COMPETITIVENESS

by increasing overall strength, and mitigating cracking risks

GIVING ACCESS TO NEW APPLICATIONS

not currently reachable from concrete products

MAKING CORROSION FREE PRODUCTS

with the easiness of implementation

FOR ANY PRODUCT FROM IMMEDIATE STRIPPING PROCESS





FLEXSTREN Technology

AFTER CURING CORROSION FREE REINFORCING

HOW WE DO IT?

INDUCING A POST-COMPRESSION

**ON THE CONCRETE PRODUCT APPLYING-AFTER CURING
A STRESSED AND ORIENTED CONTINUOUS COMPOSITE**

**THIS REINFORCING IS NOT DISPERSED IN THE CONCRETE
MIX BUT APPLIED ONLY WHERE IS NEEDED**

APPLICATION EXAMPLES

CONCRETE PIPES

Cost effective vs fiber/plastic and reinforced concrete pipes.

LARGE FLEXIBLE PAVERS

reducing the thickness and eliminating cracking

DRYCAST SLEEPERS

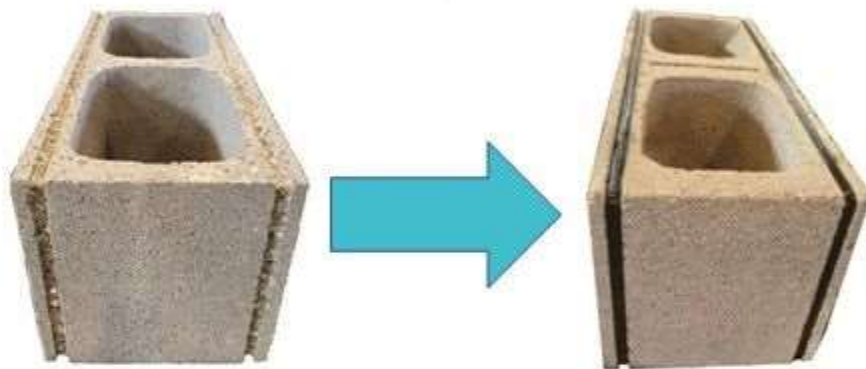
corrosion-free, very scalable productivity,
overall cost-effective products

FOR ANY PRODUCT FROM IMMEDIATE STRIPPING PROCESS



FLEXSTREN Tech

NEW BLOCK WALLS CONSTRUCTION SYSTEM



FAST AND COST-EFFECTIVE DRY INSTALLATION

NO MORE MORTAR

NO CONCRETE

NO REINFORCEMENT



FSC CAN PROVIDE KNOW-HOW, MACHINERY, STARTUP ASSISTANCE, ENGINEERING, AUDITING SERVICES TO ENSURE QUALITY



FLEXSTREN Technology

AFTER CURING CORROSION FREE REINFORCING



FSC TECH

SMART CONCRETE TECHNOLOGIES
Enhancing the building material industry

FSC CAN PROVIDE KNOW-HOW, MACHINERY, STARTUP ASSISTANCE, ENGINEERING, AUDITING SERVICES TO ENSURE QUALITY

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FSC CAN PROVIDE KNOW-HOW, MACHINERY, STARTUP ASSISTANCE, ENGINEERING, AUDITING SERVICES TO ENSURE QUALITY

Ultra-Thin Concrete Pipe

from 150 mm (6") ID

Thanks to the FLEXSTREN wrapping

Concrete Pipes 2.0

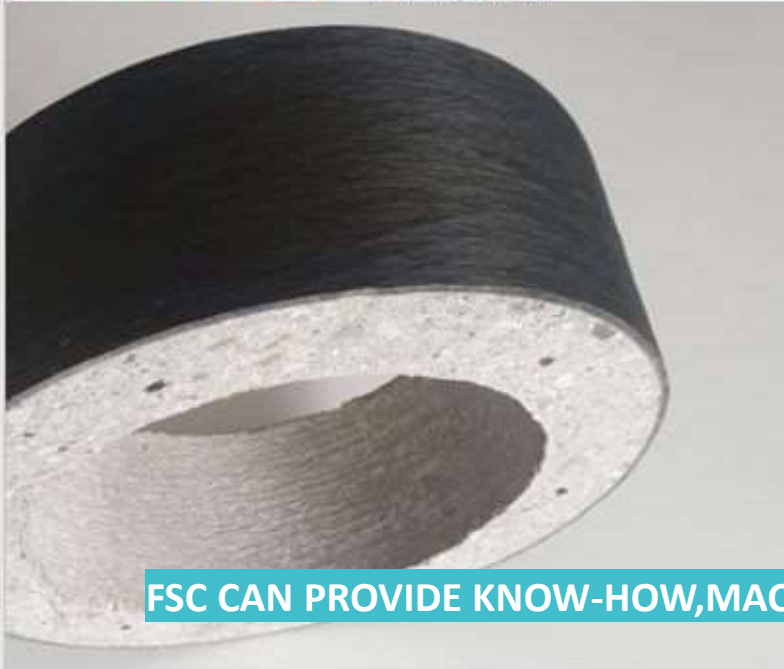
CONCRETE PIPES

are ready for

Pressure Applications
(more than 3.5 Bars)



FSC TECH



FSC CAN PROVIDE KNOW-HOW, MACHINERY, STARTUP ASSISTANCE, ENGINEERING, AUDITING SERVICES TO ENSURE QUALITY

New Railway Sleepers

HIGH DAMPING

CORROSION FREE

**Thanks to the FLEXSTREN
reinforcing**



The Revolution



FLEXSTREN Technology

AFTER CURING CORROSION FREE REINFORCING

FOR ANY PRODUCT FROM IMMEDIATE STRIPPING PROCESS

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

NO. REGULATIONS ALREADY EXIST IN MANY COUNTRY AS USA AND EUROPE.

CAN I APPLY FLEXSTREN TECHNOLOGY WITH MY MACHINES?

**ALL PIPES-PAVERS AND MY IMMEDIATE STRIPPING PRODUCT MANUFACTURER
CAN USE FLEXSTREN TECHNOLOGY**

FLEXSTREN

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