

REINFORCED CONCRETE ROLL®

Concrete Liner Solutions



UNROLL, HYDRATE, & GO IN A FRACTION OF THE TIME

SAVE TIME AND MONEY IN THE FIELD

- Faster to Install than Conventional Concrete
- No Specialized Equipment Needed
- Simply Unroll, Hydrate, & Go

REDUCE CARBON FOOTPRINT

RCR® is a friendlier solution to conventional erosion control methods such as traditional concrete, shotcrete, grout blankets and rip rap.

STRONG & VERSATILE | REINFORCED CONCRETE ROLL®

Where conventional concrete is prohibitive, RCR® provides a flexible solution that exceeds performance expectations with longevity compared to conventional concrete options for erosion control.



STORMWATER
Canal & Culvert Repair



SLOPE EROSION
Berm Protection



TRANSPORTATION
Roadside Ditches



ENVIROGUARD®

A Product Line of Geo Products, LLC

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REINFORCED CONCRETE ROLL®

Reinforced Concrete Roll® is a dry powdered concrete that is needle-punched between two pieces of non-woven, polypropylene. When rolled out and hydrated, it takes shape into a durable structure suitable for reinforcement or protective lining.

OFFERED IN 2 THICKNESSES:

- ITL RCR-7® | 7mm
- ITL RCR-12® | 12mm

QUICK & SIMPLE INSTALLATION | FAST RETURN TO SERVICE

An Advanced Cement Composite that is Easily and Quickly Deployed



OHIO CULVERT REPAIR | CASE STUDY

Along SR 66 near Delphos, Ohio, Meredith Brothers and DOT workers scheduled this 60", 24' long culvert pipe for repair. Made of 8 gauge corrugated galvanized steel multi-plate pipe and installed approximately 30 years ago, it had thinned from years of water and sediment flow. ITL Reinforced Concrete Roll® was selected to repair, protect, and extend the life of the pipe while minimizing disruption to traffic from the adjacent highway during installation.

The ITL RCR-7® 7mm thick material is ideal for culvert repairs. One roll was pre-cut to 4' x 6' sheets and Hilti-fastened every 6" along the inside top edges and end of the pipe. Sheets down the length of the pipe were also overlapped by 6" and welded together with a hand-held propane torch. As ITL RCR® can be installed and subsequently cured in water, the pipe was returned to service immediately after completion of the installation.



Ready to Start Your Project?

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