

# Just for the Record



*Installation of the world's largest directionally drilled steel pipeline, coated with Madison's Corropipe TX-15 and lined with Corropipe II PW, in Corpus Christi, TX*

What do the Louisville Slugger and Madison Chemical Industries Inc. have in common? They both play a part in world record history.

When Babe Ruth achieved the world record of 755 home runs, he was holding a Louisville Slugger. When the world record setting steel pipe directional drill took place in March of 1998, the pipe was coated and lined with Madison Chemical's 100% solids polyurethane corrosion protection systems.

HDR Engineering undertook a mammoth project in designing the Lake Texana to Corpus Christi Water Pipeline.



*On site surface preparation of the welded steel pipe joints*

When making the pipe coating and lining decisions for this project, HDR demanded a product that could withstand the abrasion and pull under a river and the barge

channel. The project also required that the pipe coating and lining be flexible enough to endure the bending of the pipeline during the installation process.

Madison's Corropipe II TX-15 and NSF approved Corropipe II PW were selected to complete the project due to their excellent adhesion, abrasion resistance and durability.

Over the course of the project, HDR realized another benefit of using Madison's 1:1 fast set polyurethane products is that they can be applied at the pipe manufacturer's facility or in the field.

The record setting steel pipe was manufactured by Thompson Pipe in Denver, CO, a division of Northwest Pipe. Thompson Pipe then coated and lined the pipe using 40 miles of Corropipe II TX-15 on the exterior surface and 20 miles of Corropipe II PW on the interior surface. Both were applied in a single coat.

Once in the field, Engineered Coatings Limited (ECL) from Cambridge, Ontario, Canada coated the welded pipe joints. Both Thompson/Northwest Pipe and ECL are highly trained and certified Approved Applicators for Madison Chemical Industries.

The project consisted of two directionally drilled pipeline river crossings. Both steel pipes measured 49.5 inches outer diameter x 0.75 inch wall thickness.

The world record setting drill went beneath the Guadalupe River (2,360 feet) and the second drill went under a nearby barge channel (approximately 1,600 feet).

With a project this size, not to mention the tight construction schedules, it was essential to have coating and lining systems that enabled fast applications in the shop and on site.

That is exactly what Madison delivered so the world's largest directional drill project was completed on schedule and within budget—somebody had better call Guinness™.



Madison Chemical Industries, Inc.

The World Leader for Infrastructural Coatings™

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