PRECAST BOX CULVERTS

Rinker Materials™ precast reinforced boxes are proven solutions for special wastewater requirements, unusual load conditions, low headroom, junctions in a drain system and anywhere access is a factor. Precast boxes are faster, easier and safer to install than cast-in-place systems, resulting in lower overall costs and quicker project completions. Boxes are available in standard sizes up to 12 feet and meet all AASHTO, ASTM and local standards.

Mega Box, Multi Box - Beyond 12 feet, Rinker Materials continues to offer an alternative - the Mega Box - a single box with spans up to 20 feet. For spans greater than 20 feet we offer the Multi Box, a set of 2 to 3 precast box cells used as a single unit.

STORMCEPTOR

Stormceptor is a unique, patented pollution control device that fits in a storm sewer system and intercepts non-point source pollution carried by stormwater run-off. The precast units have proven, through years of testing and monitoring, to be extremely effective in protecting the environment from run-off pollution. Stormceptor traps and stores oils, chemicals and sediment with no scouring or resuspension of trapped pollutants; even during peak storm-water flows. Units can be installed in new construction or retrofit into existing sites. Units are available in several sizes and storage capacities.

Units are sized according to specific site requirements. Applications include parking lots, airport runways and taxiways, streets, fuel stations, subdivisions, commercial sites, etc. Stormceptor is yet another reason Rinker Materials is considered an industry leader in providing environmental solutions to meet the needs of communities, government and industry.

www.rinkermaterials.com

Over the last 40 years, Rinker Materials™ has produced more concrete pipe than any other concrete pipe company in the world.
In 1984 CSRLtd., an Australian based construction materials company, entered the U.S. market when it purchased Rinker Materials Corporation; one of the largest ready-mix concrete companies in the United States. Since then, Rinker Materials has steadily increased its presence by acquiring a variety of construction related businesses; quarries, asphalt companies, cement mills, masonry plants, prestress bridge and architectural product producers and concrete pipe and box culvert facilities.

It is the combination of these complimentary businesses and commitment to succeed that creates an unmatched network of resources and experience that is unmatched in the industry. This has created an opportunity to study, refine and apply Best Management Practices learned from all of the Rinker businesses. The company has a long-standing reputation for product quality and is regarded as an industry leader in engineering, design and innovation.

**Concrete Pipe**

In addition to maintaining an extensive nationwide inventory of standard pipe for more than 40 years, the company has set the standard in design and fabrication of custom pipe products to meet local, regional and national requirements and engineering specifications.

**Pipe for Storm Drains** - From 12 to 244 inches in diameter, our pipe is designed to handle most any soil conditions and velocity extremes of stormwater flows, season after season and decade after decade. For crooked systems or open culverts, our pipe has proven to be the pipe of choice in storm drains throughout the nation.

**Pipe for Sanitary Sewers** - When manufacturing sanitary sewer pipe, the integrity of the pipe design is critical. Rinker Materials engineers have proven experience in designing the pipe structure and joints to meet or exceed project specifications. Pipe options include PVC lined and A-20 pipe design, both of which are designed to resist long-term corrosive effects of sewage.

**Low Head Pressure Pipe** - Rinker Materials produces low head pressure pipe to meet ASTM and AWWA requirements for pressures up to 65 psi (350 ft. of head). Special designs can also be provided for a wide range of applications.

**Jacking Applications** - For locations where trenching is impractical, Rinker Materials™ has pipe and box that meet the rigid standards required for culverts, storm drains, sanitary sewer and many other applications. Precise engineering of the total pipe system, including structure, joint and gasket design, makes it possible for us to produce jack pipe designed to withstand the harshest conditions.

**Manholes**

Rinker Materials manufactures a full line of standard and custom designed precast manholes, inverts and inlets to meet project requirements for storm and sanitary systems. Our products meet or exceed ASTM or A-257 requirements as specified. Every system is specifically designed and manufactured to meet local needs.

**Gaskets and Joints**

Through its two locations in Gainesville, Georgia and Ft. Worth, Texas, Rinker Materials manufactures a full line of gaskets and lubricants for all pipe locations. Quality control checks are standard procedure at all locations.

**CUSTOM DESIGNS**

We also specialize in the design and manufacturing of custom fabricated components and fittings, referred to as “specials.” Rinker Materials offers consultation and fabrication shops are equipped to satisfy these needs.

Customer requirements and specifications are first addressed by our Engineering Services Department located in Houston, Texas. Where engineering and design is complete and approved by the customer, fabrication is assigned to the plant.

**Quality is Built In**

Our goal is to be a world class company. As the industry leader, past success has not limited our quest for continuous improvement. Our products are manufactured using high grade aggregates, steel and cement to meet ASTM Standards. Each pipe is fully tested design technology and manufacturing methods to insure consistent, high quality and timely production. With a particular emphasis on product and process engineering, we continually strive to improve every product we produce.

**Concrete Pipe Designed to Last**

Our Engineering Department is what separates Rinker Materials™ from other concrete pipe suppliers. We have two teams of highly experienced engineering professionals whose sole purpose is to design our concrete products to withstand the rigors of time, pressure, stress and the forces of nature.

The Technical Engineering Team is charged with providing engineering support to Rinker Materials manufacturing facilities and customers. This support includes project layout, structural and hydraulic design assistance, special fitting design, and joint and gasket design. Our Facilities Engineering Group is responsible for equipment design, new facilities design and renovation.

**For locations where trenching is impractical, Rinker Materials™ has pipe and box that meet the rigid standards required for culverts, storm drains, sanitary sewer and many other applications. Precise engineering of the total pipe system, including structure, joint and gasket design, makes it possible for us to produce jack pipe designed to withstand the harshest conditions.**
In 1984 CSRLtd., an Australian based construction materials company, entered the U.S. market when it purchased Rinker Materials Corporation; one of the largest ready-mix concrete companies in the United States. Since then, Rinker Materials has steadily increased its presence by acquiring a variety of construction related businesses: Owasso, asphalt companies, cement mills, masonry plants, precast bridge and architectural product producers and concrete pipe and box culvert facilities.

It is the combination of these complimentary businesses and commitment to success that creates a powerful network of resources and experience that is unmatched in the industry. This has created an opportunity to study, refine and apply Best Management Practices learned from all of the Rinker businesses. The company has a long-standing reputation for product quality and is regarded as an industry leader in engineering, design and innovation.

CONCRETE PIPE

In addition to maintaining an extensive nationwide inventory of standard pipe for more than 40 years, the company has set the standard in design and fabrication of custom pipe products to meet local, regional and national requirements and engineering specifications.

Pipe for Storm Drains - From 12 to 244 inches in diameter, our pipe is designed to handle most soil conditions and velocity extremes of stormwater flows, season after season and decade after decade. For crossed systems or open culvert, our pipe has proven to be the pipe of choice in storm drains throughout the nation.

Pipe for Sanitary Sewers - When manufacturing sanitary sewer pipe, the integrity of the pipe design is critical. Rinker Materials engineers have proven experience in designing the pipe structure and joints to meet or exceed project specifications. Pipe options include PVC lined and A12 pipe design, both of which are designed to resist long-term corrosive effects of sewage.

Low Head Pressure Pipe - Rinker Materials produces low head pressure pipe to meet ASTM and AWWA requirements for pressures up to 65 psi (350 ft of head). Special designs can also be provided for a wide range of applications.

Jacking Applications - For locations where trenching is impractical, Rinker Materials™ has pipe and box that meet the rigid standards required for culverts, storm drains, or sanitary sewer jack applications. Precise engineering of the top pipe system, including structure, joint and gasket design, makes it possible for us to produce jack pipe designed to withstand the toughest conditions.

MANUFACTURING

Rinker Materials manufactures a full line of standard and custom designed precast Products, manholes and box culverts to meet project requirements for storm and sanitary systems. Our products meet or exceed ASTM or AASHTO standards as specified. Every system is specifically designed and manufactured to meet local needs.

GASKETS AND JOINTS

Through its two locations in Galloway, Georgia and Ft. Worth, Texas, Rinker Materials specializes in manufacturing and lubricants for all plant locations.

Standard pipe sizes range up to 144".

QUALITY IS BUILT IN

Our goal is to be a world class company. As the industry leader, past success has not limited our quest for continuous improvement. Our products are manufactured using high grade aggregates, steel and cement to meet ASTM Standards. Each pipe fabricated uses design technology and manufacturing methods to insure consistent, high quality and timely production. With a particular emphasis on product and process engineering, we constantly strive to improve every product we produce.

CONCRETE PIPE ENGINEERED TO LAST

Our Engineering Department is what separates Rinker Materials™ from other concrete pipe suppliers. We have two teams of highly experienced engineering professionals whose sole purpose is to design our concrete products to withstand the rigors of time, pressure, stress, and the forces of nature.

The Technical Engineering Team is charged with providing engineering support to Rinker Materials manufacturing facilities and customers. This support includes: project layout, structural and hydraulic design assistance for special fittings, design and joint and gasket design.

Our Facilities Engineering Group is responsible for equipment design, new facilities design and plant renovation.

Together, these two teams provide unmatched industry expertise and a commitment to the continued improvement in concrete pipe technology.

IN TOUCH WITH THE INDUSTRY

Rinker Materials actively supports and contributes to key industry organizations, including: AASHTO, ACPA, APWA, ASCCE, ASTM, AWWA and NUCA. As an industry leader, Rinker firmly believes in responsible industry involvement, to better serve the communities in which we live and work, and to improve the products and services we provide.

Rinker Materials™ engineering department offers more knowledge and experience in concrete pipe design than any other company.

Through leading-edge design and manufacturing, Rinker Materials™ has set the standard by which all other pipe products are measured.

By redefining what is possible, we are building the energy and pride to become world class.
In 1984 CSRLtd., an
construction materials
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It is the combination of these
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Pipe for Storm Drains - From 12 to 344 inches in diameter, our pipe is designed to handle most soil conditions and velocity extremes of stormwater flows, season after season and decade after decade. For closed systems or open culverts, our pipe has proven to be the pipe of choice in storm drain systems throughout the nation.

Rinker Materials™ engineering department offers more knowledge and experience in concrete pipe design than any other company.

Through leading-edge design and manufacturing, Rinker Materials™ has set the standard by which all other pipe products are measured.

For locations where trenching is impractical, Rinker Materials™ has pipe and boxes that meet the rigid standards required for culverts, storm drain or sanitary sewer jacket applications. Precision engineering of the storm pipe system, including structural, joint and gasket design, makes it possible for us to produce jack pipe designed to withstand the toughest conditions.

MAKING QUALITY PRODUCTS FOR MORE THAN 40 YEARS
Rinker Materials™ is the leading provider of concrete pipe and box culvert for storm drain and sanitary sewer in the United States. In 1984 CSRLtd., a
Australian based construction materials company, entered the U.S. market when it purchased Rinker Materials Corporation, one of the largest ready-mix concrete companies in the United States. Since then, Rinker Materials has steadily increased its presence by acquiring a variety of construction related businesses: Quarries, asphalt companies, cement mills, machinery plants, prestressed bridge and architectural product producers and concrete pipe and box facilities.

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The company has a long-standing reputation for product quality and is regarded as an industry leader in engineering, design and innovation.
PRECAST BOX CULVERTS
Rinker Materials™ precast reinforced boxes are proven solutions for special waterway requirements, unusual load conditions, low headroom, junctions in a drain system and anywhere access is a factor. Precast boxes are faster, easier and safer to install than cast-in-place systems, resulting in lower overall costs and quicker project completions. Boxes are available in standard sizes up to 12 feet and meet all AASHO, ASTM and local standards.

Mega Box, Multi Box—Beyond 12 feet, Rinker Materials continues to offer an alternative—the Mega Box—precast in a single cell with spans up to 20 feet. For spans greater than 20 feet we offer the Multi Box, a set of 2 to 3 precast cell boxes used as a single unit.

STORMCEPTOR®
Stormceptor is a unique, patented pollution control device that fits into storm drain system and intercepts non-point source pollution carried by stormwater run-off. The precast units have proven, through years of testing and monitoring, to be extremely effective in protecting the environment from run-off pollution. Stormceptor traps and stores oils, chemicals and sediment with no scouring or resuspension of trapped pollutants; even during peak storm water flows. Units can be installed in new construction or retrofit into existing sites. Units are available in several sizes and storage capacities.

Units are sized according to specific site requirements. Applications include parking lots, airport runways and taxiways, streets, fuel stations, subdivisions, commercial sites, etc. Stormceptor is yet another reason Rinker Materials is considered an industry leader in providing environmental solutions to meet the needs of communities, government and industry.

www.rinkermaterials.com
6560 Langfield Road, Building 3
Houston, TX 77092-1008
Tel 832-590-5300 • Fax 832-590-5399
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