

Dear Sir,

ConShield – Biotech Armor for Concrete

We are happy to bring Ground breaking unique solution to prevent the corrosion in concrete before it begins. **ConShield** manufactured & used since 1996 at US with proven track record at US & many other countries.

ConShield is liquid additives, directly dozed in concrete mix at the time of mixing the concrete. When gram + or – bacteria comes in contact with ConShield mixed concrete, **bacteria cells ruptured & destroyed by an Electro – Physical mechanism**. The key advantages at a glance are:

- **ConShield protection** is throughout the **entire thickness** of concrete & prevents colonization of Bacteria. In turn **NO corrosion**.
- Since **ConShield** is not the surface treatment, **it cannot Wash off** or **Chip off** or **delaminate** or **Disbond**.
- Microorganisms are completely destroyed & it leaves NO Environmental residue. **Environmentally friendly** allows - **GO Green** - concept.
- No special tools or equipments or training required for usage of ConShield.
- Easy & safe to handle.
- **ConShield fortified cell structure last till life of the concrete as it mixes with entire thickness of concrete.**
- Plastic Liners & Coatings in new pipes requires on site additional work & are subject to damage at site while handling. This also needs additional test & inspections to certify at site by qualified people. **Onsite work** is **totally eliminated** when ConShield is used.
- ConShield are used in
 - **New Concrete pipe & manhole by precasters.**
 - **Wet wells, Lift Stations, WWTP head works, Clarifiers & similar cast-in-place structures by ready mix producers.**
 - **Rehabilitation Specialist.**

For more technical detail please visit www.conshield.com.

We are happy to join hands with local precasters of Pipe & Manhole; Ready Mix suppliers & Rehabilitation specialist to make them certified user of **ConShield**.

Thanking you,

For **Dattatreya Inc.**

Sumul Patel

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Business Associates :



Eco Friendly
Pulse Plasma Rock
Fragmentation Technology



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Dear Sir,

Structural Renewal & Rehabilitation of PIPES, CULVERTS & MANHOLES

We are happy to launch **most economical** technique for **structural renewal & rehabilitation** system developed by **AP/M, US** for **Manholes; sanitary sewer & storm water Pipes, culverts** etc.

We would like to share some key factors, which allow industries to explore well proven techniques to overcome chronic issues of underground utility management.

- **CentriPipe** system creates **new structurally sound seamless concrete pipe** inside the old storm & sanitary sewer pipe; which is **100% environmentally sound, waterproof, fully sealed from end to end, corrosion proof & protected from MIC by adding ConShield.**
- **ConShield** is an EPA registered antibacterial agent for **effective prevention of microbiologically induced corrosion.** Since **Con^{mic}Shield[®]** molecularly bonds to the concrete matrix, it is **throughout the complete thickness of the concrete pipe / manhole / poured structure.** It **cannot wash off, peel off, delaminate or pinhole.** It is the **surest long-term protection** of concrete in **municipal sewers.**
- Rehabilitation of **Manholes** using patented **PERMAFORM** system.
- **PERMACAST** for structural strengths of pipe for major damages.
- **COR+Gard** family of coatings provides **chemical protection, ease of application & highly resistant** to wide range of **chemicals & temperature** in sewer lines.
- **COR+ROC** Epoxy mortar family of coatings for spot repair provides **chemical protection, ease of application & highly resistant** to wide range of **chemicals & temperature** in sewer lines.
- **Chimney Frame seals** creates inner wall, which **stops water & dirt from infiltrating** in to the **manhole.**

The **ConShield** product are not only used for rehabilitation purpose but also used for **NEW pipelines** at manufacturing stage, which **prevents development of corrosion due to MIC** during its **life cycle** & in turn **increase the life** of **new Concrete pipelines.**

For more technical detail please visit www.permaform.net. We are happy to join our hands with local contractor to make them authorized license applicators for the above products; who will be trained at US after agreed terms & conditions.

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