



By positioning ourselves as Knowledge Partners in Construction Chemicals, we enable our customers to adopt a “do it once, do it right” approach

Mr. Sunny Surlaker

Director - Assess Build Chem Private Limited



Heritage Structures



Large Tank WP



Heat Resistant Coating



Podium WP



Roof Protection

Q-1. How does Assess Build Chem differentiate its range of construction chemical solutions in a market dominated by both multinational and regional players?

Ans. Assess Build Chem Private Limited has been in the specialty construction materials field for over three decades. Since 2021–22, we have strengthened our manufacturing base in India, combining global expertise with a local perspective to address construction challenges effectively. Guided by the “Make in India” vision, we develop and manufacture construction chemicals that meet international benchmarks while being tailored to Indian requirements and economic realities.

Our core focus areas are structural waterproofing, concrete repairs, and concrete technology, where our solutions deliver enhanced durability, performance, and cost efficiency—reducing the need for repeat repairs. By positioning ourselves as **Knowledge Partners in Construction Chemicals**, we enable our customers to adopt a “do it once, do it right” approach. We support this with system design, application methodologies, and step-by-step guidance for achieving reliable results.

With a deep understanding of cement and concrete chemistry, we have developed specialty solutions such as:

- Crystalline waterproofing systems
- Highly hydrophobic mortar linings
- Chemical- and abrasion-resistant mortar linings
- Protective coatings

These are complemented by a wide portfolio of accessory products that enhance system performance. Training and continuous knowledge-sharing form the foundation of our engagement with customers, ensuring that our solutions are applied optimally for maximum benefit.

By emphasizing complete construction systems rather than standalone products, we

differentiate ourselves in a crowded market—delivering durable, long-lasting solutions that protect and strengthen structures.

Q-2. Can you elaborate on the company's approach to identifying and prioritizing sectors such as infrastructure, heritage structures, or industrial construction as target growth markets?

Ans. We offer a very wide range of solutions. **Assess Build Chem Private Limited** prides itself on being a solution-driven company. Our products are designed and enhanced for easier application and based on our knowledge of waterproofing materials and the application expertise of our Applicators, we are in a unique position to design and recommend solutions for any type of construction. Viz. Buildings, Industrial or Infrastructure. With a deep understanding of materials, we also tailor-make solutions for unique projects.

Our multipurpose range of products allow us to provide solutions for various sectors to improve our growth markets. With this in mind, we work in infrastructure repairs and protection, heritage structures and building construction and repairs. Rather than be a broad-spectrum supplier, we focus on solutions to achieve growth.

Q-3. What specific innovations in admixtures, dry-mix mortars, or waterproofing systems drive the current R&D agenda at Assess Build Chem?

Ans. From remedying water ingress in buildings to restoring critical water and wastewater infrastructure such as dams, water treatment plants, manholes, and drinking water tanks, to protecting bridges and buildings, our solutions are leaving a strong mark across India.

In Goa, we have successfully executed waterproofing for large basement structures covering **12,000+ sq. m.** We are also supporting the state's wastewater infrastructure through the renovation of manholes. Our

Chemical-Resistant Breathable Lining System, with resistance across the **pH 3–14 range**, along with advanced injection systems from F. Willich GmbH and Rascor International, has proven highly effective in arresting deterioration of wastewater structures.

A breakthrough in our portfolio is the **SS – Hydronil PM**, a hydrophobic and waterproof breathable mortar designed for **facades and water-retaining structures**. Combining **5-bar water penetration resistance, high hydrophobicity, and drinking-water compatibility**, it represents a new-age waterproofing and protective system. Using **SS – Hydronil PM**, we were able to provide a lining solution for a **90m × 90m × 9m reservoir** that served as both **waterproofing and protection**—eliminating the need for complex resin-based systems, reducing costs, and overcoming site constraints.

Specialty solutions such as Our floor repair materials achieving high strengths of upto 40 MPa in 4 to 5 hours, Polymer Modified repair mortars that have reduced sag and rebound, or our highly waterproof **TileFix Range** of tile adhesives, have found applications in areas that could not be successfully resolved by other means.

We are also actively engaged in addressing **tunnel and dam ingress issues along with soil stabilization** across India with our range of Injection Grouting Systems. In parallel, we are helping safeguard new bridge infrastructure with our state-of-the-art **SS-ProtectoCon AC**, an anti-carbonation coating system that **exceeds IRC SP 80 requirements**. This solution is also finding wide application in protecting **industrial facilities, heritage structures, tanks, silos, and other reinforced concrete assets**.

These systems and their continuous R&D developments and improvements allow **Assess Build Chem Private Limited** to demonstrate its capability to

deliver innovative, practical, and durable protection systems that strengthen infrastructure and extend service life.

Q-4. How does your collaboration with Rascor International GmbH and F. Willich GmbH influence the range and quality of solutions delivered to Indian clients?

Ans. The injection grouting market in India is seeing an unprecedented growth but is limited by its success rate. This is often due to improper modes of application and using cheaper but low performance materials. The commoditization of this segment is not a positive sign for the industry.

With our collaborations with **Rascor International GmbH** and **F. Willich GmbH** we are bringing materials meeting European Norms to the Indian Market. Our experience has shown that these materials are far more effective and more efficient (solutions achieved with lower consumption) than locally available solutions. That along with training and guidance on proper application methodology influences the high quality of solutions to our clients in India. Whether in buildings, dams or infrastructure, these solutions have successfully delivered the performance expected from an Injection Grouting Project.

Q-5. Looking forward, what are the key challenges and opportunities that the leadership sees for construction chemical suppliers in India's post-2025 infrastructure landscape?

Ans. While our material systems are rigorously developed, tested, and verified for performance, we recognize that in waterproofing, application is just as critical as the product itself. One of the major challenges in the industry remains the **availability of skilled labour** for our application partners. To address this, we place a strong emphasis on **training and knowledge**

transfer.

Through application workshops for engineers, supervisors, and site teams, we create platforms to share new ideas, introduce advanced techniques, and develop improved specifications and methodologies. This collaborative approach not only enhances the quality of application but also ensures a better overall experience for the end customer.

In parallel, we continuously invest in **research and product development**—designing materials that are **easy to apply, more robust, and capable of curing defect-free**. Our **heritage mortars and specialty mortars** stand as prime examples of this philosophy. This **two-pronged strategy—training and innovation—ensures superior end performance** for our material systems.

On the production side, we are well-prepared to meet the growing demand for construction chemicals in the coming years. Our **recently expanded Goa plant** is now a **modern, large-scale facility**, complemented by a **state-of-the-art training centre and laboratory** for closer interaction with customers. Looking ahead, once market demand accelerates, we can seamlessly leverage the capacity of our **additional Gujarat plant**.

The top management, production and R&D teams at **Assess Build Chem Private Limited** have long years of experience in bringing the latest innovations and product developments to the industry. The industry connect on the raw material side and the client side, help us connect and understand both sides to provide optimal solutions for constructional problems. This means our customers receive precise technical advice, short delivery times and quick after sales service. Our agility and technical expertise helps us to address various challenges to bring very viable solutions for our customers.