

# SHOTCRETING



Shotcreting has been in wide use across the world for a long time due of its inherent advantage in terms of cost and convenience over conventional methods in some of the applications. SFRC (Steel Fibre Reinforced Concrete) has been the most favored material in these applications due to its inherent characteristics of improving properties of concrete on several fronts.

Addition of **Toughcrete** or **Toughcrete+** to concrete for shotcreting helps in improving its properties not only in the plastic stage but also in the hardened form.

#### Benefits of Toughcrete & Toughcrete+ in Shotcreting

- Improved ductility of concrete
- Improved energy absorption capacity
- Improved impact resistance
- Improved crack control
- Improved toughness
- Improved tensile strength
- Better flexibility in executing complicated construction work in difficult-to-reach areas
- Full reinforcement of concrete surface
- Better overall performance of concrete
- Suitable for both wet and dry type shotcreting

#### Commercial advantages of Toughcrete & Toughcrete+ in Shotcreting

- Elimination of costly and cumbersome form work
- Most economical way of construction for complicated architectural designs
- Faster and less labor oriented way of construction.



Toughcrete



Toughcrete+



#### Applications of Toughcrete & Toughcrete+ in Shotcreting

- Tunnel & underground chamber lining
- Stabilization in mine construction
- Stabilization of trenches and slopes
- Protective lining
- Repair and restoration of old structures
- Sealing work
- Architectural and landscaping applications
- Wearing course
- Oil storage canverns



*For optimum results of Toughcrete & Toughcrete+ kindly read the hand-out- 'Get the best out of Toughcrete & Toughcrete+' on Usage; Dosage; Packaging and Safety Precautions provided by us separately*



**PRECISION  
DRAWELL**

#### PRECISION DRAWELL PVT. LTD.

"KESHAV" Block 6, 10th Bridge, Kamptee Road, Nagpur-44 004

Tel: +91-712-2649372/71/70, +91 9325245566

Email: [steelfibre@precisiondrawell.com](mailto:steelfibre@precisiondrawell.com)

Website: [www.precisiondrawell.com](http://www.precisiondrawell.com)

Authorized Representative/Dealer