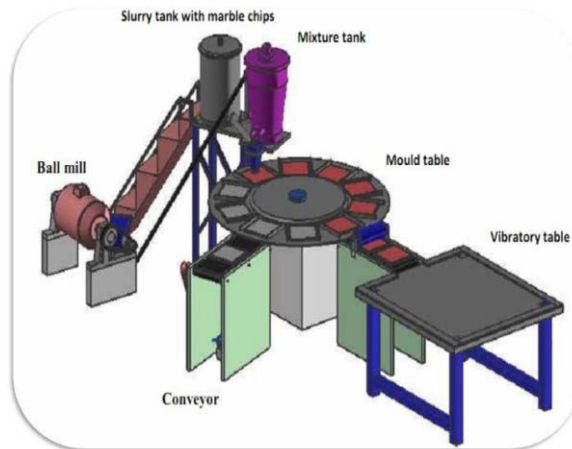


Technology in Brief

Fluoro-gypsum, a waste of hydrofluoric acid industry contains free acid (pH2.8-3.5) which is Responsible for hygroscopic nature of fluoro-gypsum.

Salient Features/Advantages

- Waste gypsum utilization, conserve natural resources, sustainable technology.
- Flexural Strength: 12.0MPa.
- Compressive Strength: 30-35MPa.
- Water absorption: < 6.0%.



Properties & Standards	Flooring Tiles (Tested as per IS: 1237-1980)
Raw Materials	Fluoro-gypsum, lime & additives
End Product(s)	Flooring Tiles
License/Commercialization	M/s Navin Fluorine International Ltd., Surat
TRL	8
Environmental Impact	Conservation of natural resources, Waste utilization, Energy saving
Setup - Equipment required	Moulds, Mixers, Vibrating Tables, Curing Chamber, Drying Chamber, Ball Mill, Grinding and Polishing Machine and Demoulding plates