

### **Specialized Services**

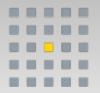
- ➤ VDF/Trimix Concrete Flooring
- ➤ Polished Concrete & hardening Solutions
- Epoxy resin Flooring
- ➤ Repairs and Restorations of concrete floors
- ➤ Stamp Concrete stylish flooring
- Fibers Reinforcement Solutions
- ➤ Light weight Concrete Solutions



### **Tremix Concrete Flooring**



Tremix flooring is a special type of flooring mostly being done in the industrial sector. It provides better wearing and tearing properties. It is generally used for industrial purpose, where rigid surface necessary for machine foundation, light load carrier vehicle and light weight cranes. Generally the mix of concrete used for Tremix is 1:1:5:3 (1 cement: 1.5 sand and: 3 stone aggregates), mostly rich mix of 1:1:2 preferred for better wear and tear. In this flooring necessary reinforcement provides depending upon the thickness of the flooring, whereas the thickness of concrete is decided from 100 to 200 mm over PCC (1:4:8) and well prepared stone soling base ranging from 230 to 300 mm. In industrial flooring PCC base should be kept up to 100 mm and same as floor concrete 150 mm, may be satisfactory for heavy duty areas such as warehouses, garage and machine shops.

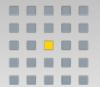


## **Tremix Concrete Flooring Technologies**

With a focus on providing France specialised solutions, services and products for concrete floors, DuraPro provide following types of floor construction technologies:

- **≻**VDF Flooring
- ➤ Trimix Flooring by laser ,or Truss Screed
- ➤ Super flat floor TR 34
- ➤ Floor design and supervision
- ➤ Decorative colored concrete floor





## **VDF FLOORING SYSTEMS**

Durapro VDF floor system that integrates team of 8 people for carrying out floor construction through normal screed surface vibrator. However the levels are not maintained very accurately output team per machine is approx 200 m2per shift



#### TRUSS SCREED CONSTRUCTION

Truss Screed / Fixed form paving allows construction to be done with extended construction joints hence saves on the same. It provides better level tolerances. Output per team improves from 200 m2 in VDF to min. 400 m2 up to 800 m2. Variable width sizes available from 6mtr. up to 12mtr. customised. Team of 8-10 people.

#### FLOOD POUR CONSTRUCTION

This system can achieve large area pours for retail centres. Output can be achieved ranging from 800m2 to 1200m2. Control on design mix is critical. Use of highly plasticised concrete incorporating DURA Flow. System allows fewer construction joints. Can be done for flat floors as per TR 34 guidelines. Needs bull wrap and ride on trowel to finish concrete

surface, concrete to be manufactured at site and needs a team of 12-15 people.





#### JOINTLESS FLOOR CONSTRUCTION

Large Area jointless floors using laser screed systems can achieve very high output ranging from entry level 1200m2 to 2500m2 per day with single set of team and machines. A team of 4 people prepares armoured joints. A two people team prepares for fibre and admixture integration. An eight people team takes care of the concrete placement and finishing. High end products are incorporated. Control on concrete design mix plays a crucial role in this system and concrete output is the key.

This system of floor construction is mainly used for large area distribution centres and manufacturing units. It can carry out floors as per TR34, F-Numbers and DIN system. Levels and flatness are achieved through sophisticated measuring systems and trained floor laying team.





Supreme care is required in construction with stringent planning and quality checks. Complete control on concrete mix design. A Team of 12-15 people execute the floors with a concrete output of 400m2- 500m2 per day. Profiling of floor through skilled third party PMC and floor consultants ensures high performance floor as per TR34, DIN and F- Numbers.

FLOOR DESIGN AND SUPERVISION

Profiling of floor through skilled third party PMC and floor consultant using state of the art technology

and equipment to measure the flatness and levelness of floor.

# DECORATIVE COLOURED CONCRETE FLOORS

We at Dura Pro have tied up with Bomanite India to bring the unmatched creativity, colour and design options to construction projects. Bomanite's Imprint System offers unique styles of cast in place architectural, coloured and imprinted concrete. It provides an added dimension of texture and relie between joint lines, thus simulating a wide variety of natural materials including slate, granite, limestone, sandstone, wood, cobblestone, etc. Typical application ranges from pool, decks, walkways, driveways, courtyards, interior floors, car park areas, etc. More than 200 standard patterns and an infinite variety of custom tooling options provide the creative freedom you need to make your

next project unique.



### FIBER REINFORCMENT AND FLOOR PRODUCTS







### **≻**Fiber mesh Polypropylene Fibres

The world's leading brand of 100% virgin polypropylene fibres for use as a secondary micro reinforcement in concrete and mortar. Available in a range of lengths, thickness and E3 versions in monofilament and fibrillated forms.

### **≻**Promix Steel Fibres

The leading brand in high performance steel fibre reinforcement for concrete and shotcrete. Available in a wide range of configurations, shapes, strengths and performance criteria



### **Hardener & Densifier**

<mark>dura</mark>hard

durahar

### > Hardener & Densifier

DuraHard system is Advanced Nano-Lithium chemistry for concrete surfaces that deeply penetrates progressively through the concrete and chemically solidifies, densifies, seals, and hardens to produce high performance floor. DuraHard System transforms concrete floor last longer, costs less to maintain, safe to use, and are guaranteed to resist dusting for years to come. This system is VOC compliant, odorless, environmentally safe and simple to



Chemically converts

into a homogenous

Penetrates deeply and progressively

apply.



### **APPROVAL**

### **MECON**



**RVNL** 



EIL



**IOCL** 



**PWD** 



**NHAI** 



**BHEL** 



**DMRC** 



**NPCIL BHAVINI** 

**MUMBAI** 



**NBCC** 



**BMRC** 

**CPWD** 





**NTPC** 

**AAI** 





**CIDCO** 

**METRO** 





### **CLIENT LIST**

TATA ELECTROSTEEL LIMITED

JAI PRAKASH ASSOCIATES LTD.
ELECTRO STEEL STEELS LTD.
LARSEN & TOUBRO LIMITED – ECC DIVISION
BRIDGE & ROOF CO. (I) LTD.,
STEEL AUTHORITY OF - BHILAI STEEL PLANT
JINDAL STEEL & POWER LIMITED
SIMPLEX INFRASTRUCTURE LTD.
GAMMON INDIA LIMITED
HINDUSTAN CONSTRUCTION CO. LTD.
SAPOORJI PALLONJI & CO. LTD.
COASTAL INFRA, BOKARO
KYSER COIL INDUSTRIES LIMITED
JAI BALAJI SPONGE LIMITED
KARNAFULLY STEEL MILLS LTD
METAL & STEEL FACTORY,- ICHAPUR,

TANTIA CONSTRUCTION CO. LTD.
ACC LIMITED
ITD CEMENTATION INDIA LIMITED
NATIONAL HYDROELECTRIC POWER
CORPN. LTD.
NAPTHA JHAKRI POWER CORPN. LTD.
TEHRI HYDRO DEVELOPMENT CORPN.
LTD.
B. SEENAIAH & CO. (PROJECTS) LTD.
ORIENTAL STRUCTURAL ENGINEERS PVT.
LTD.
IRCON INTERNATIONAL LTD.
AHLUWALIA CONTRACTS () LTD.
NAP CONSTRUCTION (PRIVATE) LTD.
PVT. LTD.
TARAPORE & CO.
LAFARGE AGGREGATES & CONCRETE (I)
PVT. LTD.
ULTRATECH CEMENT LIMITED
GREEN CONCRETEX PVT. LTD.
SHELTER HOUSING DEVELOPMENT

**IVRCL INFRASTRUCTURES LIMITED** 

HINDALCO INDUSTRIES LIMITED **NAVAYUGA ENGINEERING** LIMITED **RVR PROJECTS PVT. LTD. SPS SYNERGY FOUNDATION** VALECHA ENGINEERING LIMTIED **NAGARJUNA CONSTRUCTION** CO. LTD. BSC C & C JV BHUTAN FERO ALLOYS -**BHUTAN** ACME TECHNOTRADE **CONCERN** – **BSRM STEELS LIMITED -**INTEGRATED STEELS LIMITED,

### Sustainable development: the organization's 7 objectives



#### Economical:

- Contribute to the sustainable construction revolution
- Offer more innovative products and service which respect the Environment & users



#### Environmental:

- Optimise the use of natural resources in our products and process
- Limit our Environmental footprint



#### Social:

- Act for and with our employees
- Anchor our sites in local territory





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