

Concrete Floors, Surface Preparation, Grinding & Polishing, Coatings, Repairs & Testing

Machine Sales & Service & Rental

www.hikrete.com





About Us

- Hikrete was incorporated in the year 2011 by a team of experienced Civil engineers to provide high-quality decorative concrete flooring in India
- Our qualified team has the specific in-depth technical knowledge to assist clients in consultations to deliver effective solutions on budget and schedule.
- Our work testament lies in the lakhs of square meters of projects executed spanning institutional, corporate, education & municipal bodies till date.
- We are a leading service providers of Concrete floor laying & Polishing, Decorative Concrete, Floor Coating and Repair and Rehabilitation services for floors.
- Customized solutions & the promise to introduce quality decorative flooring services have been the founding principles of Hikrete.
- A perfect understanding of customers needs, prompt customer service before and after sales.



Guiding principles

- Our Strength lies in our Core Values of Integrity, Teamwork, Reliability & Customer Orientation.
- A perfect understanding of customers needs, prompt customer service before and after sales.
- Treat customers as partners & continuously innovate towards providing superior products and services at optimised costs.
- Establish a strong network and associations to achieve above objectives.











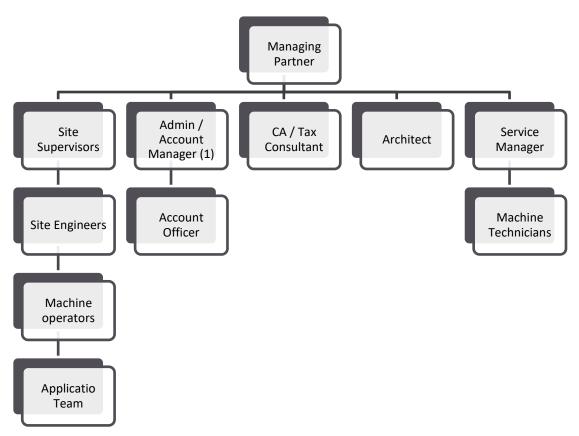


Area of Work

- Design of Concrete and Detailing of Floor plan to execute the Floor and the Construction process leading to direct or Indirect Saving of time and Project Cost.
- Joint less floor slab construction for areas as large as 40 m x 40 m with no control joint in between, thereby delivering operationally superior floors.
- Super Flat floors and VNA floors with defined traffic areas- full specification and construction management services to achieve the desired flatness & levelness.
- Certified Application Specialist of HTC Sweden's Superfloor's & Polished Concrete floors since 2016.
- Epoxy, PU, Screeds, micro concrete & decorative concrete products & services.
- Experienced in installation and refurbishment of Industrial & commercial floorings, through a varied product range.
- Sales & Service of concrete surface preparation machinery (grinding machines) & tools



Organisation Structure





Floor Construction Management

- •Achieving large pour areas of the slab by careful planning of manhours, materials, equipment, casting time, concrete supply and easy site access.
- •Joint less floor slab construction for areas as large as 40m x 40m with no control joints in between, thereby delivering operationally superior floors.
- •Super-flat floors and VNA floors with defined traffic areas full specification and construction management services to achieve the desired flatness & levelness.





Application areas

- ■VNA Warehouse
- ASRS Store-house
- Logistic Distribution Center
- Cold Storages
- Exhibition Center
- Ceorroller-Skating Ring
- •Failure Analysis & Repair of Floor.



- •Identification of floor failures (structural and non-structural cracks, differential settlements, failure of joints, etc.) based on detailed onsite observations.
- •Detail crack surveys, measurements (even less than 0.1mm), floor monitoring and analysis based on failure patterns and their diagnosis
- •Appropriate repair methodologies based on exhaustive on site diagnosis of floor failure pattern (either structural, aesthetic or at joints).







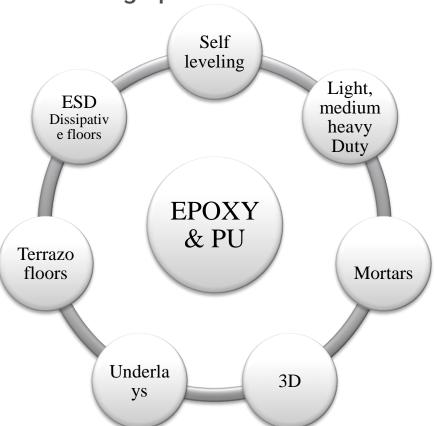


- Floor Measurement shall be carried out within 72 hours after casting, (normally on the next day);
- Measurement is to be taken at least 1500mm away from construction joints, boundaries, columns, walls, & any restrain members.
- Avoid measuring across any construction joints;
- Measure in straight line, and where in racking areas in longitudinal direction of the aisles;
- Length of each measure shall not be less than 12m long;
- The parallel distance between each line of measure shall be at least 3000mm apart.





Floor Coating Options













Structural re-strengthening & retrofitting

- Column & beam strengthening to cater to increase in the axial & bending moments due to increase in building height, loads etc
- Column & beam jacketing using quality epoxy & cementitious products like high strength mortars etc.
- Use of Sika carbon wrap technology to eliminate increase in column & beam dimenions, maintain carpet area & achieve speed of construction
- Complete design back up for restrengthened structural members









Polished Concrete

hikrete >>>

- HTC Superfloor® is a system of diamond-ground, impregnated concrete floors without a surface coating.
- HTC SuperfloorTM is manufactured by grinding away the surface paste. On old concrete floors, previous coatings and uneven surfaces are removed.
- Involves multiple steps of grinding, densification & polishing.
- The final appearance of the floor depends on the concrete. The colour and appearance of a new floor can be modified through the choice of aggregate in the concrete











SEPL Pune



Hirschvogel Sanaswadi



Menon Piston Kolhapur



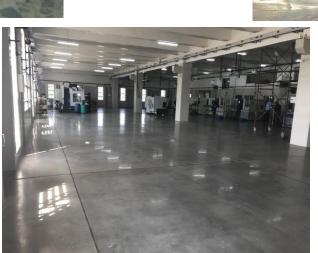
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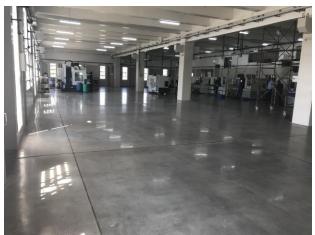
Project References of Polished Concrete



Srijan Logistics Kolkata



Essel Propack Ltd Vasind



Bunts Tools Nasik



FLOOR GRINDING

Husqvarna PG 280



- Grinding width: 280 mm
- Grinding discs speed: 0-1410 rpm
- 1-PH
- Machine Weight: 70 kg
- Grinding Pressure 41 kg

Rental and Servicing of Machines

Husqvarna PG 450





- Grinding width: 450 mm
- Grinding discs speed: 0-705 rpm
- Motor: 1.54 kW
- Phases: 1-PH
- Machine Weight: 109 kg
- Grinding Pressure 59 kg

Husqvarna PG 400



- Grinding width: 400 mm
- Grinding discs speed: 0-1740 rpm
- Motor: 4.2 kW
- Phases:
- 3-PH
- Machine Weight:
- Grinding Pressure 49 kg

Husqvarna BG 250



- Grinding width: 250 mm
- Grinding discs speed: max 1920 rpm
- Motor: 5.5 kW
- Phases: 3-PH
- Machine Weight: 146 kg

Husqvarna PG 510



- Grinding width: 515 mm
- Grinding discs speed: max 550 rpm
- Motor: 4 kW & 2.2 kW
- Machine Weight: 133 kg & 120 kg

FLOOR SCARIFIERS



HUSQVARNA BMP 265



- Working Width: 265 mm
- - Rotational Speed : 1500 rpm
- - Motor Capacity : **5.5 kW**
- Phases: 3-PH
 - Machine Weight: 175 kg
- Productivity: 120 m²/h

HUSQVARNA BMP 215 E



- Working Width: 215 mm
- Rotational Speed:
- 1700 rpm Motor Capacity : **1.8 kW**
- Phases: 1-PH
- Machine Weight: **63 kg**
- Productivity: **70 m²/h**



1-10 DPS 75



Working Width: 254 mm











Phases: 3-PH

2-20 DPS 75



Working Width: 550 mm









Phases: 3-PH



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SHOT **BLASTER**

Husqvarna PG 690 RC





Grinding discs speed: 270 mm

Direction of rotation:

Motor: 12.5 kW

Phases: 3-PH

Machine Weight: 598 kg

Husqvarna BMG 780





Grinding width: 780 mm

Grinding discs speed: 400 - 1200 mm

Direction of rotation:

15 kW

Phases: 3-PH

Machine Weight: 487 kg

Rental and Servicing of Machines

FLOOR POLISHING

Husqvarna HTC X6



Grinding width: 600 mm

No of Grinding discs: 4 x 230 mm

Direction of rotation:

Motor: 7.5 kW

Phases: 3-PH +N+E

Machine Weight: 399 kg

Husqvarna HTC X8



Grinding width: 800 mm

No of Grinding discs: 4 x 270 mm

Direction of rotation: **Both**

Motor: 20.1 kW

Phases: 3-PH +N+E

Machine Weight: 535 kg

DUST SLURRY

Husqvarna S36



Power: 230V | 1 PH

HEPA Filters 3





HEPA Filters 2

Rental and Servicing of Machines

Husqvarna W 70 P



Wet concrete slurry, oils & machine coolants

Husqvarna HTC D80



PRE SEPARATOR

HTC D80 is equipped with a high-performing integrated pre-separator that removes up to 95% of the dust and increases filter lifetime

TOOLS

Husqvarna ELITE-GRIND G1410



OPTIMAL MATERIAL: Extra Hard Concrete

20, 30, 50, 100 AMOUNT OF SEGMENTS:

Husqvarna ELITE-GRIND G1420





OPTIMAL MATERIAL: **Hard Concrete**

20, 30, 50, 100

AMOUNT OF SEGMENTS:



Husqvarna ELITE-GRIND G 1440

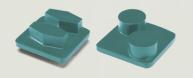


OPTIMAL MATERIAL: **Medium Concrete**

GRIT: 20, 30, 50, 100

AMOUNT OF SEGMENTS:

Husqvarna VARI-GRIND G620



OPTIMAL MATERIAL: **Hard Concrete**

GRIT: 20, 30, 50, 100

AMOUNT OF SEGMENTS: Double



Husqvarna HiperFlex FP40



OPTIMAL MATERIAL: **Hard Concrete**

DIAMETER: 7in, 9in, 10in

GRIT: 200, 400, 800, 1500, 3000

Husqvarna P1200 series for PG machines



OPTIMAL MATERIAL: **Medium Concrete**

DIAMETER: 3in

GRIT:

50, 100, 200, 400, 800, 1500, 3000

Husqvarna EZ H Series



TOOLS





OPTIMAL MATERIAL: **Hard Concrete**

GRIT: 25, 80, 150

AMOUNT OF SEGMENTS: Double

Husqvarna EZ X Series





OPTIMAL MATERIAL: Extra Hard Concrete

GRIT: 25, 80, 150







Husqvarna EZ XX Series







GRIT: 25, 40, 80

AMOUNT OF SEGMENTS: Double





OPTIMAL MATERIAL: **Hard Concrete**

100, 200, 400, 800, 1500, 3000



TOOLS

Husqvarna P1200 Polishing Pads



OPTIMAL MATERIAL: **Medium Concrete**

DIAMETER: 3in, 4.9in

GRIT:

50, 100, 200, 400, 800, 1500, 3000

Husqvarna T-REX Classic Series



OPTIMAL MATERIAL: Epoxy Removal

Piranha™ PCD **G 11X1 D**



OPTIMAL MATERIAL: **Epoxy Removal**

Amount of Segments **Double**





SERVICE AND MA INTÉNANCE

























ESTEEMED CLIENTS







































Hikrete Decorative Flooring Systems

Warehouse:

Village Shindewadi, Off Pune Satara Highway, Katraj Tunnel exit, Pune. **Pune Office:** Baner, Pune 411 045 **Mumbai Office:**

Kailash Complex, Vikhroli, Mumbai





