



CONCRETE PLANNERS®
CTRS Concrete Planners LLP

Serving The Industry
Since **2009**



From **Diagnostic**
To **Durability**
"Your Concrete Floor Expert"

Industrial Flooring Specialist

Consulting | Testing | Repair Solutions

www.concreteplanners.com



About Us

Welcome to Concrete Planners®, your premier destination for comprehensive concrete flooring consultancy, testing, and repair solutions. With a steadfast commitment to quality, innovation, and client satisfaction, we have established ourselves as leaders in the concrete flooring industry.



Our Mission

At Concrete Planners®, our mission is to provide our clients with unparalleled expertise and support for all their concrete flooring needs. We are dedicated to delivering high-quality, sustainable solutions that optimize performance, enhance safety, and extend the lifespan of concrete surfaces.

Our Expertise

With a team of experienced professionals and industry experts, Concrete Planners® offers a full range of consultancy, testing, and repair services customized to meet the unique requirements of each project. From initial assessment and testing to customized repair solutions, we have the knowledge and resources to deliver exceptional results.

Our Approach

At Concrete Planners®, we take a collaborative and proactive approach to every project, working closely with our clients to understand their objectives, challenges, and constraints. Our team leverages cutting-edge technologies and industry best practices to develop customized solutions that address the specific needs of each client and project.

Why Choose Us

Comprehensive Services: From consultancy and testing to repair and maintenance, we offer a full suite of solutions to meet all your concrete flooring needs.

Expertise: Our team consists of highly skilled professionals with years of experience in the concrete flooring industry.

Innovation: We stay at the forefront of technological advancements and industry trends to deliver innovative solutions that exceed expectations.

Quality Assurance: We are committed to delivering superior quality workmanship and materials, ensuring lasting results and client satisfaction.

Customer Focus: We prioritize customer satisfaction and strive to build long-lasting relationships based on trust, integrity, and exceptional service.



Meet Our Principal Consultant Mr. Parminder Singh Bhalla

Meet Mr. Parminder Singh Bhalla, the visionary leader behind Concrete Planners. With humble beginnings in the contracting industry, Parminder Singh Bhalla embarked on a journey fuelled by passion, expertise, and a relentless pursuit of excellence.

Starting out as a concrete flooring contractor in 2009 as Director in BGSB Concrete Solutions Pvt. Ltd., Parminder Singh Bhalla honed his skills and expertise in concrete flooring, gaining invaluable hands-on experience in installation, repair, and maintenance. His dedication to craftsmanship and commitment to delivering superior results quickly earned them recognition and respect within the industry.

Driven by a desire to make a meaningful impact and elevate industry standards, Parminder Singh Bhalla set out to expand his horizons beyond contracting. Drawing upon their wealth of knowledge and expertise, he founded Concrete Planners®, a specialized consultancy offering comprehensive solutions for concrete flooring consulting, testing, and repair works.

Today, Parminder Singh Bhalla is recognized as a pioneer and thought leader in the field, renowned for their innovative approach, technical proficiency, and unwavering dedication to client success. Their journey from contractor to industry leader is a testament to their resilience, passion, and commitment to excellence.

As Concrete Planners continues to thrive and evolve, Parminder Singh Bhalla remains at the helm, guiding the company with vision, integrity, and a steadfast commitment to delivering exceptional results. Their remarkable career journey is an inspiration to us all, embodying the spirit of perseverance, innovation, and excellence.

Commitment to Excellence

Above all, Parminder Singh Bhalla is committed to delivering excellence in everything he do. They prioritize client satisfaction, integrity, and quality craftsmanship, striving to exceed expectations on every project. His collaborative approach, attention to detail, and unwavering dedication to client success have earned them a reputation as a trusted advisor and partner in the concrete flooring industry. Parminder Singh Bhalla is certified by Face Construction Technologies (USA), ensuring precision and adherence to global industry standards in measuring floor elevations. With this accreditation, Parminder brings a meticulous eye and expertise to every project, ensuring quality and compliance every step of the way.

Global Reach

From bustling urban centres to remote corners of the globe, our concrete flooring consultancy, testing, and repair solutions have left an indelible mark. With a diverse customer base spanning India & beyond, we've earned the trust of clients both domestically and internationally. Our commitment to excellence knows no bounds, as we continue to deliver customized solutions that meet the unique needs of every client, no matter where they are in the world.

India



Nepal



Kenya



Uganda



Ethiopia



UAE

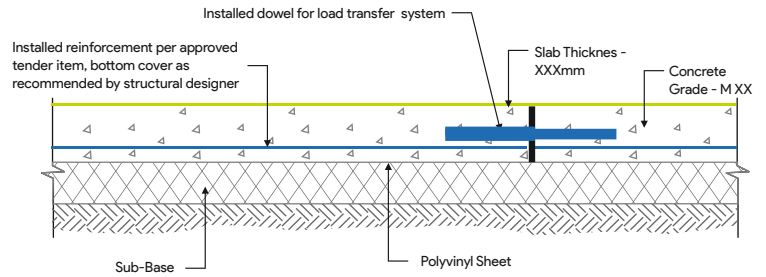


Zambia



Consulting Services

- Concrete flooring design and specification consulting.
- Project feasibility assessment and planning.
- Troubleshooting and problem-solving for existing concrete flooring issues.
- Recommendations for optimal flooring solutions based on client needs and budget.
- Pre-lease warehouse floor inspections.



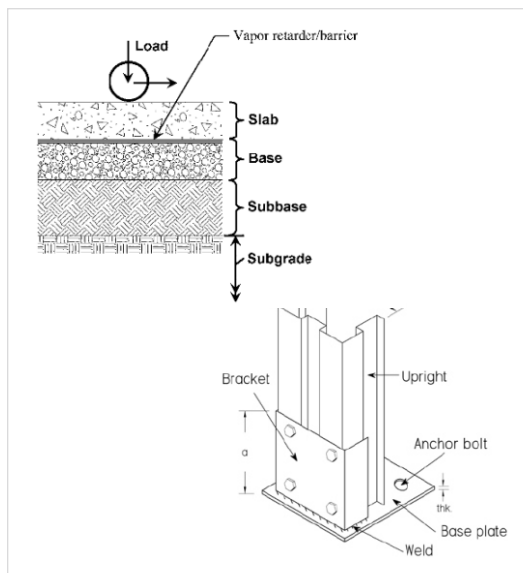
Testing Services

- Slab flatness and levelness testing (e.g., ASTM E1155 | TR34 FM/DM (4th edition))
- Concrete strength/ rebound hammer testing (e.g., ASTM C805)
- Sub-base compaction testing (e.g., ASTM E2835-11).
- Rebar Detector Test (e.g., BS1881)

Specialized Solutions

- Remedial grinding for VNA floor.
- Slip/ skid resistance testing.
- Floor safety analysis.
- Abrasion resistance testing.

Load Bearing Capacity



Abrasion Tester



Flooring Installation Support

- Quality control inspections during installation.
- Compliance checks with project specifications and industry standards.
- Troubleshooting and resolution of installation issues.



Repair & Restoration Services

- Concrete crack repair.
- Joint repair and resealing.
- Concrete spalling and patch repair.
- Surface preparation for coatings, overlays, or toppings.
- Concrete polishing and grinding to restore or enhance surface finish.

Maintenance & Preservation Services

- Concrete floor maintenance planning & scheduling.
- Evaluation of existing maintenance practices and recommendations for improvement.
- Preservation treatments to enhance durability and prolong the lifespan of concrete floors.



Training and Education

- Workshops and seminars on concrete flooring best practices.
- Training programs for contractors, facility managers, and other stakeholders.

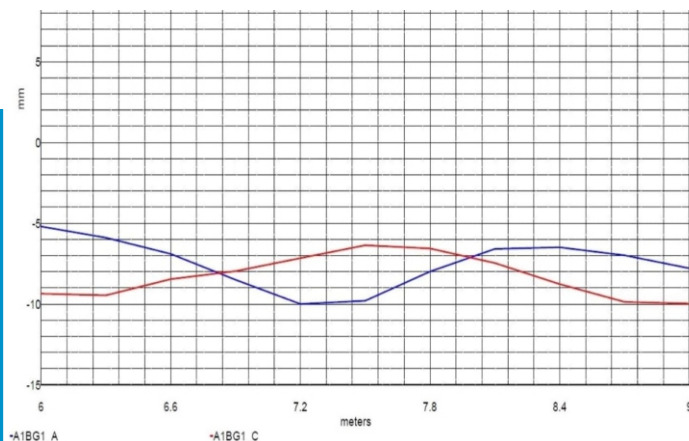
Corrective Grinding of VNA Floor



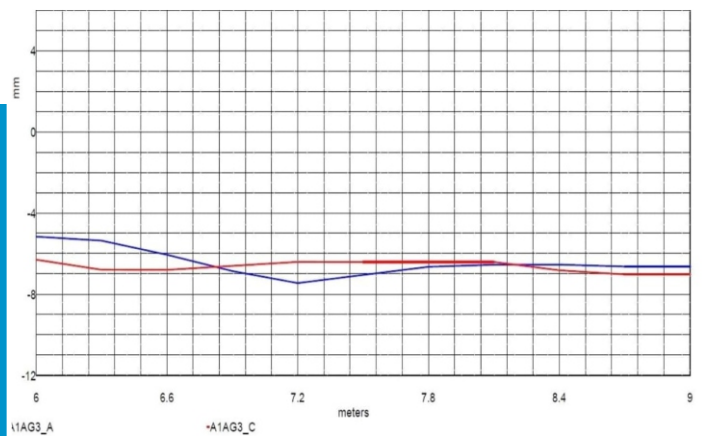
“Precision Grinding for perfect aisles elevate your space”

Corrective grinding of concrete flooring is a process used to improve the flatness & smoothness of a concrete surface. This technique is essential for Very Narrow Aisle (VNA) applications in warehouses and distribution centers, where precise flatness is crucial for efficient operation of material handling equipment like forklifts. Grinding removes high spots and creates a more level surface, ensuring better performance and safety in the workspace. It can also extend the lifespan of the flooring and reduce maintenance costs over time.

Before Grinding



After Grinding



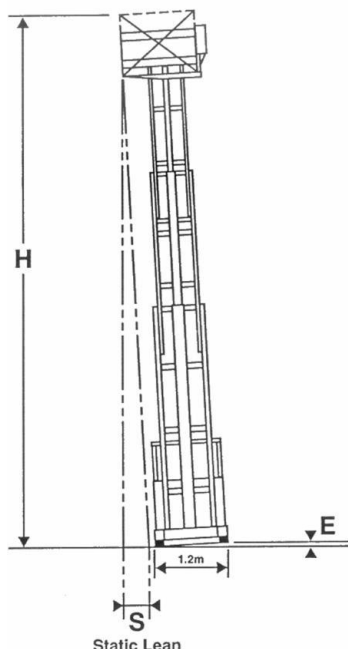


Table 3.1 from TR34 (4th edition) for free- movement floors

Floor Class	Typical floor use	Property	
		(E)	(F)
FM1	Where very high standards of flatness and levelness are required. Reach trucks operating at above 13m without side-shift.	4.5	1.8
FM2	Reach trucks operating at 8 - 13m without side-shift.	6.5	2.0
FM3	Retail floors to take directly applied flooring. Reach trucks operating at up to 8m without side-shift. Reach trucks operating at up to 13m with side-shift	8.0	2.2
FM4	Retail floors to take applied screeds. Workshops and manufacturing facilities where MHE lift heights are restricted to 4m	10.0	2.4

Table 4.8.5.1 from ACI 117-10
Showing different Ff and FI classifications

Floor Surface Classification	Specified Overall Flatness SOFF	Specified Overall Levelness SOFL
Conventional	20	15
Moderately flat	25	20
Flat	35	25
Very flat	45	35
Super flat	60	40

Table 3.2 from TR34 (4th edition) for defined- movement floors

Permissible limits on properties dZ, dX, d²Z and d²X in defined- movement areas.

Floor classification	Racking top beam height	Property Z slope	Property dZ	Property d ² Z	Property dX	Property d ² X
Calculation	-	mm per m	$Z \times Z_{\text{slope}}$	$dZ \times 0.75$	Fixed values $2 \times Z_{\text{slope}} \times 1.1$	Fixed values
DM1	over 13m	1.3	$Z \times 1.3$	$Z \times 1.0$	2.9	1.5
DM2	8- 13m	2.0	$Z \times 2.0$	$Z \times 1.5$	4.4	2.0
Dm3	Up to 8	2.5	$Z \times 2.5$	$Z \times 1.9$	5.5	2.5



Levelness Survey



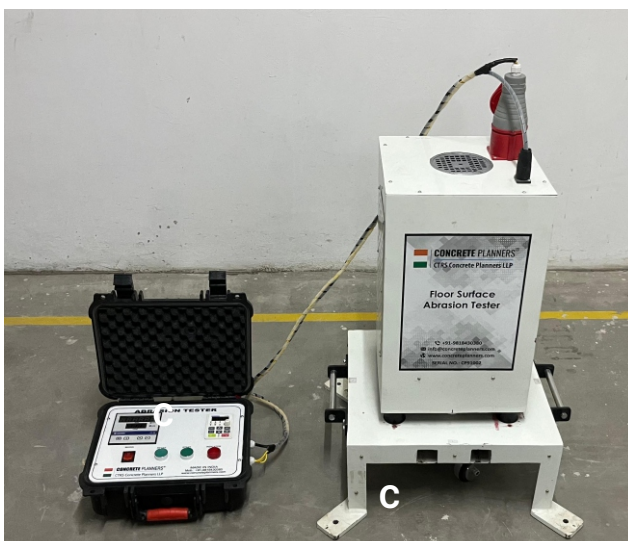
Flatness Survey



Dynamic Plate Load Test



Skid Resistance Test



Abrasion Testing

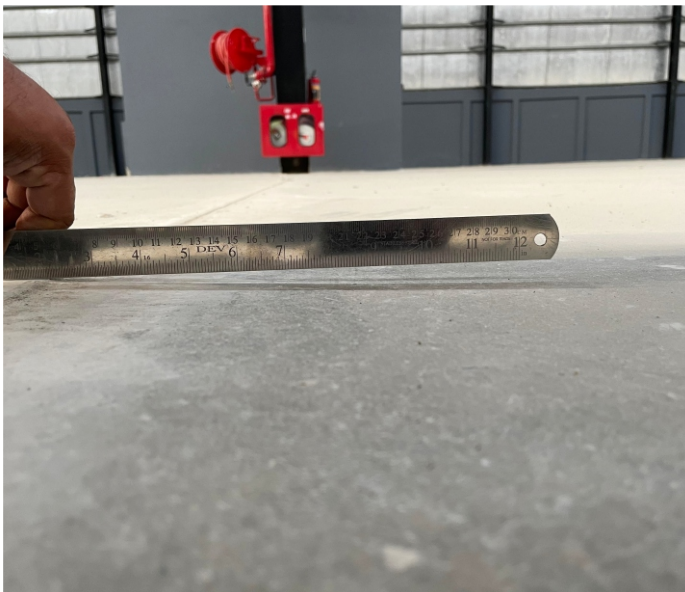


Rebound Hammer Test



Project Management Consultancy Services

Project Planning and execution, cost management, quality assurance, schedule management, reporting & documentation



Due Diligence of Concrete Floor Quality

Sub-base testing	Section detailing	Concrete Strength	Load calculations
Consultancy services	Surface regularity	Floor settlement	Joints inspection
Cracks repairs	Surface repairs	Pothole repairs	Other repairs (if any)

Concrete Floor Repairs & Maintenance Service



Joint Repair



Concrete Floor Polishing



Crack Repair



Patch Repair

 **CONCRETE PLANNERS®**
CTRS Concrete Planners LLP

CP-CRETE 10

75mm to 100mm Thickness

COMPLETE SOLUTION FOR CONCRETE FLOOR REPAIR

POT HOLE | JOINT REPAIR | PATCH REPAIR

25 kg
BUCKET



 **CONCRETE PLANNERS®**
CTRS Concrete Planners LLP

CP-SR-SCREED

20-75MM THICKNESS

SELF LEVELING | QUICK REPAIR SYSTEM

25 kg
BUCKET



Few of Our Prestigious client and end user



Volkswagen



LOGOS



Flipkart

DECATHLON



udaan



adani



BEICHEM
LUBRICATION
TECHNOLOGY



LODHA



adani**connex**
DATA CENTERS



UltraTech
CEMENT
The Engineer's Choice




CTRS Concrete Planners LLP

Serving Across The World




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