



DUROCRETE

Test with the Best

A Company of ACTS

25 years of Leadership

A Leading
Building Material Testing and
Geo Engineering Company

www.durocrete.com

About Durocrete

Beginning operations in the year 1995 from Pune, as merely a Concrete Mix Design Laboratory today, Durocrete is an all-inclusive, state of the art Building Material Test House located in the bustling cities of Mumbai, Pune and Nashik. With services covering mechanical, chemical and non-destructive testing, & Geo Engineering, Durocrete offers testing facilities for a vast range of building materials. Durocrete today is highly regarded for its dedication, integrity and expertise in the field of building material testing, building material testing is not the end of its abilities. It employs a dedicated workforce of 150 workers comprising of Consultants, Engineers and Laboratory Technicians who have been intensively trained in the field of building material testing. Its laboratories are further equipped with top-notch equipments to ensure maximum reliability and accuracy of test results.



Being accredited by the National Accreditation Board for Testing and Calibration Laboratories (NABL) in 2006, Durocrete has more than 300 tests under its NABL scope. It has emerged as one of the finest building material testing laboratories in the whole of Western Maharashtra.

Laboratory Locations

Pune Laboratory

19/1, Hingane Khurd, Vitthalwadi, Sinhagad Road, Pune 411 051
Phone: 9881735302
Toll Free: 1800-120-6465
Email: info@durocrete.com

Mumbai Laboratory

PAP D122-125, TTC industrial Area, Off Jai Matadi Weigh Bridge, Turbhe, Navi Mumbai 400705
Phone: 9850500013
Toll Free – 1800-121-4070
Email: infomumbai@durocrete.com

Nashik Laboratory

Sunil Towers Compound, Near K.K. Travels, Dwaraka, Nashik 422001
Phone: 9527005478 / 7720006754
Email: infonashik@durocrete.com

Collaboration with ACTS



ACTS
ADVANCED CONSTRUCTION
TECHNOLOGY SERVICES

Durocrete has strategic tie-up and equity participation from ACTS, Beirut. ACTS (Advanced Construction Technology Services) is a leading Third Party Inspection, Material Testing & Geo Engineering Company in GCC countries like Saudi Arabia, Qatar, Kuwait, Oman, & parts of Africa.

Build on our credentials

Till date ACTS has worked on several mega projects like Kuwait International Airport, Riyadh Metro, the 1km tall Kingdom tower, Jeddah International Airport. ACTS has special expertise determining service life of buildings and structural health monitoring of bridges by using remote sensors. With the help of experience that ACTS has gained over last two decades, Durocrete plans to introduce distinct value added services ensuring optimal cost and extended durability to the numerous capital projects in India.

Our Commitment

Our commitment is to provide state of art testing services to its entire customer irrespective of their volume of work and in order to achieve its objective; it will provide continual training to all the personnel concerned with the system.

Quality Policy

The Management is committed to good Professional practices, continually improve its standards of quality of testing and credibility as a premier civil engineering materials testing laboratory by strictly adhering ISO/IEC 17025:2017, relevant NABL specific criteria, statutory and regulatory requirements.



It remains committed to provide state of the art testing services impartially to all its customers and in order to achieve its objective; it will strive for continual improvement of competency of the laboratory management system by providing needed support.

Technology

Laboratory Information Management System

Durocrete has online quality platform that registers test samples, ensures that the samples will be tested according to clients request & makes reports accessible to authorized personnel with complete confidentiality.

Durocrete 2.0 Mobile Application enables clients engineers to place test requests and view reports.

Core Values



OUR SERVICES

Concrete Mix Design

Durocrete has special expertise in Concrete Mix Design having conducted more than 20,000 mix design assignments ranging from M5 to M80 grade covering variety of special concretes like roller compacted concrete, high performance concrete and self compacting concrete. Durocrete also offers onsite support for implementation of mix design by way of site trials and trouble shooting.



We offer following mix designs

- Conventional Concrete mix design
- Pumpable Concrete mix design
- Self Compacting concrete
- Mortar Mix Design for plaster
- Fly Ash Bricks Mix Design
- Pavement Block Mix Design



Mechanical Testing

Durocrete offers mechanical testing services for following materials

- Concrete (Cubes, Cores, Beams, Cylinders)
 - Autoclaved aerated concrete blocks (aac)
 - Slab load test
 - Concrete manhole covers
 - Brick (clay and fly ash)
 - Reinforcement Steel
 - Structural steel (angle, channel, i beams, flats, box sections, plates etc.)
 - Ceramic , Vitrified , Mosaic and chequered tiles
 - Paints
 - Hydraulic cement
 - Pulverised fuel ash (fly ash)
 - Natural building stone
 - Fine aggregate (natural and crushed sand)
 - Coarse aggregates
 - Soil properties
- Durocrete also offers a service for casting of cubes along with moulds by trained technicians at site with proper sampling.



Chemical Testing



Be it is Steel, Concrete, Aggregates, Cement Flyash, GGBS, Water or Chemical Admixtures. Durocrete analyzes the chemical properties of construction material with utmost finesse and precision. The company holds pride in being pioneers in adapting the latest advancements and specifications .

- Steel
- Hydraulic Cement
- Gypsum And Plaster Of Paris
- Coarse And Fine Aggregate
- Soil
- Concrete

Non Destructive Testing

Durocrete presents the most advanced technology in non destructive testing using reputable and upto-date equipment led by certified and well experienced NDT experts.

We offer following NDT

- Mechanical Sclerometer (N Type Proceq Rebound Hammer)
- Pile Integrity
- Rebar Location (Profometer Scanning)
- Half Cell Potentiometer Test (Profometer Scanning)
- Ultrasonic Pulse Velocity Testing



Geotechnical Investigation



Durocrete currently operates a variety of soil investigation techniques for both geotechnical and environmental projects within India. It is dedicated to satisfying the geotechnical and environmental requirements of today's developers and strives to produce a cost effective, efficient and reliable ground investigation service.

We offer consultation, site inspection, and geotechnical engineering services including:

Geotechnical site investigations:

- Drilling
- Offshore Drilling
- In-situ testing of rock and soil strata
- Laboratory testing of soil rock and water
- Dewatering and pumping tests

Geotechnical engineering:

- Foundational analysis and design
- Shoring and retaining structures
- Anchoring and nailing systems
- Soil stabilization techniques
- Engineered fill and compaction
- Soil improvement

Geophysical surveys:

- Cavity mapping
- Dynamic properties of the sub-strata determination
- Formation identification
- Utility mapping
- Bathymetric surveys

Foundation inspection and testing:

- Pile inspection
- Pile testing
- PIT
- Crosshole
- Dynamic load testing
- Caliper logging

Durability Testing



Durability test of concrete is done to determine the resistance to physical or chemical deterioration of concrete resulting from interaction with environment (physical deterioration) or interaction between constituents (chemical deterioration) of concrete. A durable concrete ensures corrosion resistance of embedded steel which in turn ensures a better longevity of the structure as a whole. Concrete in structures in the coastal areas are the most susceptible to chemical deterioration as sea water, with high concentration of chloride ions, has quite a detrimental effect on

durability of concrete. In these cases, the lower the chloride permeability, the better the durability of concrete.

Types of test done to know the durability of concrete are-

- Rapid Chloride Penetration Test (RCPT).
- Water Permeability of Concrete (WP).
- Initial Surface Absorption Test (ISAT).
- Water Absorption (WA).

Contract Research

Durocrete undertakes Contract Research projects in the field of concrete and admixtures. We have conducted research assignments for many well known industries like ACC, L&T, Asian Paints & Reliance Industries.



Additional services offered by Durocrete

- Customers registered with Durocrete can check real time status of their testing activity as well as can access their reports online with the help of login ID and secured password.
- Customers can give request for material pickup from their site using our client app.
- Free of Cost Material collection from project sites and report delivery.
- Supplier analysis - Supplier wise material quality can be analyzed on request.
- Digital Archiving of reports - Maintain past reports for future reference (@ 10 years data available).
- Report authentication - Report originality can be authenticated on our website.
- Committed time frame for service.
- Report confidentiality - Unbiased testing as sample is masked while testing.
- On-site support and services free of cost.

NABL Aspects

The concept of laboratory accreditation was developed to provide a means for third party Certification of the technical and general competence of the laboratory. It is the formal recognition of competence of the laboratory by the National Accreditation Board for Testing and Calibration Laboratories (NABL). NABL is an autonomous body under the aegis of Department of Science and Technology, Govt. of India. Government of India has authorized NABL as a sole accreditation body for testing laboratories. NABL provides laboratory accreditation services to the laboratories that are performing the tests in accordance with NABL criteria based on internationally accepted standards for laboratory accreditation ISO/IEC 17025: 2005.

Why use an accredited laboratory?

Laboratory accreditation provides formal recognition of technical competence of the laboratory, thus providing a ready means for the customers to find reliable testing services in order to meet their testing requirements. Laboratory accreditation enhances the customer confidence in accepting the test results. NABL certification is different from the ISO certification. ISO certification is on quality management system only, where the NABL accreditation gives formal recognition to technical as well as quality system and the required competence. NABL accreditation is an elevated level activity than the system certification. Although ISO certification will give you the confidence of the laboratory's quality system, it tells nothing about the technical competence or its ability to generate reliable and accurate test results that will be accepted by the customer. Proper technical evolution requires the use of technical experts who can assess the laboratory against the internationally accepted criteria. These criteria are embraced globally in a document called ISO/IEC 17025: 2005.

NABL Scope



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	CHEMICAL- BUILDING MATERIAL	Glazed Ceramic Tile	Resistance to acids and alkalis.(With the exception of hydrofluoric acid.)	IS 13630: 2016	Qualitative(Examine By Visual Observation.)
2	CHEMICAL- BUILDING MATERIAL	Glazed Ceramic Tile	Resistance to household chemicals and swimming pool water.	IS 13630: 2016	Qualitative(Examine By Visual Observation.)
3	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	Ash Content	IS 9103: 2013	1 % to 25 %
4	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	Dry Material Content	IS 9103: 2013	10 % to 60 %
5	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	pH	IS 9103: 2013	4 to 12
6	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	Relative Density	IS 9103: 2013	1 to 2
7	CHEMICAL- BUILDING MATERIAL	Fly ash	Chloride	IS 4032: 2014	0.05 % to 0.5 %
8	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss On Ignition	IS 1727: 2013	0.5 % to 5 %
9	CHEMICAL- BUILDING MATERIAL	Glazed ceramic Tile	Resistance to staining of glazed tile.	IS 13630: 2016	Qualitative(Examine By Visual Observation.)
10	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Calcium Oxide	IS 1288: 2016	20 % to 50 %
11	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Free Lime	IS 2547: 2017	0.1 % to 0.5 %
12	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Loss On Ignition	IS 2547: 2017	1 % to 10 %

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13	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Sulphur Trioxide (SO ₃)	IS 1288: 2016	25 % to 60 %
14	CHEMICAL- WATER	Water	Acidity ((Volume of 0.02 N NaOH required to neutralize 100ml of water using phenolphthalein indicator	IS 3025: 2009	0.1 ml to 25 ml
15	CHEMICAL- WATER	Water	Alkalinity (Volume of 0.02 N H ₂ SO ₄ Used to neutralize 100 ml water using mixed indicator)	IS 3025: 2009	0.1 ml to 100 ml
16	CHEMICAL- WATER	Water	Chlorides	IS 3025: 2009	50 ppm to 5000 ppm
17	CHEMICAL- WATER	Water	pH	IS 3025: 2012	5 to 12
18	CHEMICAL- WATER	Water	Sulphates	IS 3025: 2009	50 ppm to 4000 ppm
19	CHEMICAL- WATER	Water	Total Hardness	IS 3025: 2014	20 ppm to 2000 ppm
20	CHEMICAL- WATER	Water	Total Suspended Solids	IS 3025: 2012	10 ppm to 3000 ppm
21	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Compressive Strength	IS 6441 Part 5: 2017	1 MPa to 10 MPa
22	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Density	IS 6441 Part 2: 2017	400 Kg/m ³ to 1500 Kg/m ³
23	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks & Fly ash Bricks	Compressive Strength	IS 3495 Part 1: 1992	1 MPa to 30 MPa
24	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks & Fly Ash Bricks	Dimensions (Length)	IS 1077: 2016	2000 mm to 6000 mm

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25	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks & Fly Ash Bricks	Efflorescence Test	IS 3495: 1992	Qualitative
26	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks & Fly Ash Bricks	Water Absorption	IS 3495: 1992	1 % to 30 %
27	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks & Flyash Bricks	Dimension (Width)	IS 1077: 1992	1000 mm to 4000 mm
28	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks & Flyash Bricks	Dimensions (Height)	IS 1077: 1992	500 mm to 2000 mm
29	MECHANICAL-BUILDINGS MATERIALS	Cement	168 Hrs Compressive Strength	IS 4031 Part 6: 1988	10 MPa to 50 MPa
30	MECHANICAL-BUILDINGS MATERIALS	Cement	672 Hrs Compressive Strength	IS 4031 Part 6: 1988	30 MPa to 80 MPa
31	MECHANICAL-BUILDINGS MATERIALS	Cement	72 Hrs Compressive Strength	IS 4031 Part 6: 1988	5 MPa to 40 MPa
32	MECHANICAL-BUILDINGS MATERIALS	Cement	Blain's Fineness	IS 4031 Part 2: 1999	150 m ² /Kg to 650 m ² /Kg
33	MECHANICAL-BUILDINGS MATERIALS	Cement	Density/Sp.Gravity	IS 4031 Part 11: 1988	1.5 to 5
34	MECHANICAL-BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 Part 5: 1988	15 Min. to 600 Min.

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35	MECHANICAL-BUILDINGS MATERIALS	Cement	Fineness by dry sieving	IS 4031: 1988	0.5 % to 30 %
36	MECHANICAL-BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 Part 5: 1988	5 Min. to 350 Min.
37	MECHANICAL-BUILDINGS MATERIALS	Cement	Normal Consistency	IS 4031 Part 4: 1988	10 % to 35 %
38	MECHANICAL-BUILDINGS MATERIALS	Cement	Soundness Le-Chatelier expansion	IS 4031 Part 3: 1988	0.1 mm to 10 mm
39	MECHANICAL-BUILDINGS MATERIALS	Concrete Chequered / Flooring Tile	Water Absorption	IS 1237, IS 13801: 2013	0.01 % to 15 %
40	MECHANICAL-BUILDINGS MATERIALS	Concrete Chequered / Flooring Tile	Wet Transverse Strength	IS 1237, IS 13801: 2013	0.2 MPa to 20 MPa
41	MECHANICAL-BUILDINGS MATERIALS	Glazed Ceramic Tiles	Dimension (Width in width)	IS 13630: 2006	0 % to 5 %
42	MECHANICAL-BUILDINGS MATERIALS	Glazed Ceramic Tiles	Dimensions (Thickness deviation)	IS 13630 Part 1: 2006	0 mm to 15 mm
43	MECHANICAL-BUILDINGS MATERIALS	Glazed Ceramic Tiles	Flexural Strength	IS 13630: 2006	0.2 MPa to 80 MPa
44	MECHANICAL-BUILDINGS MATERIALS	Glazed Ceramic tiles	Rectangularity	13630: 2016	0 % to 5 %

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
55	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel	% Elongation	IS 1608 Part 1: 2018	1 % to 40 %
56	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel	Bend Test	IS 1599: 2012 (RA 2017)	Qualitative((18 to 256 mm Mandrel Dia)except 28 mm)
57	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel	Rebend Test	IS 1786: 2013	Qualitative((18 to 256 mm Mandrel Dia) except 28 mm)
58	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel	Tensile Strength	IS 1608 Part 1: 2018	200 MPa to 950 MPa
59	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel	Weight per Meter	IS 1786: 2013	0.1 Kg/m to 12 Kg/m
60	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel	Yield Strength	IS 1608 Part 1: 2018	200 MPa to 850 MPa

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
55	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel	% Elongation	IS 1608 Part 1: 2018	1 % to 40 %
56	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel	Bend Test	IS 1599: 2012 (RA 2017)	Qualitative((18 to 256 mm Mandrel Dia)except 28 mm)
57	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel	Rebend Test	IS 1786: 2013	Qualitative((18 to 256 mm Mandrel Dia) except 28 mm)
58	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel	Tensile Strength	IS 1608 Part 1: 2018	200 MPa to 950 MPa
59	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel	Weight per Meter	IS 1786: 2013	0.1 Kg/m to 12 Kg/m
60	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforced Steel	Yield Strength	IS 1608 Part 1: 2018	200 MPa to 850 MPa

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Site Facility					
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Carbonation test	BS EN 14630: 2006	Qualitative
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Cover Depth	BS 1881 : 1988	5 mm to 100 mm
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Half cell potential difference test	ASTM C 876: 2015	-1 mV to -500 mV
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Rebound Hammer	IS 13311: 2013	10 MPa to 80 MPa
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	UPV	IS 516 Part 5: 2018	1.5 km/sec to 5.5 km/sec

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS-2386 Part 1: 1963	1 % to 50 %
2	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Crushing Value	IS -2386 Part 4: 1963	1 % to 50 %
3	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS-2386 Part 4: 1963	1 % to 50 %
4	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS-2386 Part 1: 1963	1 % to 50 %
5	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Loose Bulk Density	IS-2386 Part 3: 1963	0.5 Kg/Lit. to 4 Kg/Lit.
6	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS-2386 Part 3: 1963	2.3 to 3.0
7	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS2386 Ppart 3: 1963	0.1 % to 4 %
8	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate.	Sieve Analysis.	IS 2386 Part 1: 1963	0 % to 100 %
9	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Loose Bulk Density	IS-2386 Part 3: 1963	0.5 Kg/Lit. to 4 Kg/Lit.

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
10	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 micron.	IS-2386 Part 2: 1963	0.1 % to 30 %
11	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS-2386 Part 1: 1963	0 % to 100 %
12	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Specific gravity.	IS-2386 Part 3: 1963	2.3 to 4.0
13	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Water Absorption.	IS-2386 Part 3: 1963	0.1 % to 25 %
14	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete Cube	Compressive Strength	IS 516: 1959	10 N/mm ² to 60 N/mm ²
15	MECHANICAL-BUILDINGS MATERIALS	Rock	Density	IS -13030: 1991	2.4 g/cc to 4 g/cc
16	MECHANICAL-BUILDINGS MATERIALS	Rock	Point Load Strength Index.	IS-8764: 1998	1 kN to 100 kN
17	MECHANICAL-BUILDINGS MATERIALS	Rock	Porosity	IS -13030: 1991	0.01 % to 30.0 %
18	MECHANICAL-BUILDINGS MATERIALS	Rock	Unconfined Compressive Strength	IS 9143: 1979	5 N/mm ² to 800 N/mm ²
19	MECHANICAL-BUILDINGS MATERIALS	Rock	Water Content	IS-13030: 1991	0.1 % to 10 %

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
20	MECHANICAL-BUILDINGS MATERIALS	Soil	Natural Moisture Content.	IS-2720 Part 2: 1973	1 % to 50 %
21	MECHANICAL-BUILDINGS MATERIALS	Soil	Standard Proctor Density.(OMC)	IS-2720 Part 7: 1980	5 % to 20 %
22	MECHANICAL-BUILDINGS MATERIALS	Soil.	CBR(Soaked/Unsoaked)	IS-2720 Part 16: 1987	1 % to 80 %
23	MECHANICAL-BUILDINGS MATERIALS	Soil.	Direct Shear Test.	IS-2720 Part 13: 1986	0.01 kg/cm ² to 0.6 kg/cm ²
24	MECHANICAL-BUILDINGS MATERIALS	Soil.	Free Swell Index of soil.	IS-2720 Part 40: 1977	5 % to 400 %
25	MECHANICAL-BUILDINGS MATERIALS	Soil.	Grain Size Analysis.	IS-2720 Part 4: 1985	0 % to 100 %
26	MECHANICAL-BUILDINGS MATERIALS	Soil.	Liquid Limit.	IS-2720 Part 5: 1985	1 % to 100 %
27	MECHANICAL-BUILDINGS MATERIALS	Soil.	Modified Proctor Density.(MDD)	IS-2720 Part 8: 1983	1.2 g/cc to 2.1 g/cc
28	MECHANICAL-BUILDINGS MATERIALS	Soil.	Modified Proctor Density.(OMC)	IS-2720 Part 8: 1983	5 % to 20 %
29	MECHANICAL-BUILDINGS MATERIALS	Soil.	Plastic Index.	IS-2720 Part 5: 1985	1 % to 50 %

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SCOPE OF ACCREDITATION

				against which tests are performed	
30	MECHANICAL-BUILDINGS MATERIALS	Soil.	Plastic Limit.	IS-2720 Part 5: 1985	1 % to 50 %
31	MECHANICAL-BUILDINGS MATERIALS	Soil.	Specific gravity.	IS-2720 Part 3: 1980	2 to 3
32	MECHANICAL-BUILDINGS MATERIALS	Soil.	Standard Proctor Density.(MDD)	IS-2720 Part 7: 1980	1.2 g/cc to 3 g/cc

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Site Facility					
1	MECHANICAL- BUILDINGS MATERIALS	Soil	Plate load test	IS 1888: 2011	5 Tonne to 60 Tonne

Accreditation Certificate Mumbai



**National Accreditation Board for
Testing and Calibration Laboratories**
(A Constituent Board of Quality Council of India)



CERTIFICATE OF ACCREDITATION

DUROCRETE ENGINEERING SERVICES PVT LTD

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

PAP-D122/125, TTC INDUSTRIAL AREA, MUMBAI, MAHARASHTRA, INDIA

in the field of

TESTING

Certificate Number: TC-5917

Issue Date: 13/06/2019

Valid Until: 12/06/2021

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer

Accreditation Certificate Pune



**National Accreditation Board for
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DUROCRETE ENGINEERING SERVICES PVT LTD

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing
Calibration Laboratories"**

for its facilities at

19/1, HINGANE KHURD, VITTHALWADI, SINHAGAD ROAD, PUNE, MAHARASHTRA, INDIA

in the field of

TESTING

Certificate Number: TC-5887

Issue Date: 24/04/2019

Valid Until:

23/04/2021

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-in)

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer

Some of our Esteemed Client



Some of our Esteemed Client



Palava Dwellers Pvt Ltd



Some of the Images of our Lab



Some of the Images of our Lab



Some of the Images of our Lab

