



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name DRYCHEM SOLUTIONS PRIVATE LIMITED, A-246, TTC INDUSTRIAL AREA, M.I.D.C MAHAPE, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8524 Page No. : 1 / 5

Validity 04/06/2019 to 03/06/2021 Last Amended on 13/06/2019

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
<b>Permanent Facility</b>					
1	CHEMICAL- BUILDING MATERIAL	Gypsum Building Plaster	Loss on Ignition	IS 2547 (Part I): 2017	2.0 % to 10.0 %
2	CHEMICAL- BUILDING MATERIAL	Gypsum Building Plaster	SO3 Content	IS 1288: 2016	25 % to 60 %
3	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Loss on Ignition	IS 4032: 2014	0.1 % to 5.0 %
4	CHEMICAL- BUILDING MATERIAL	White Portland Cement	Loss on Ignition	IS 4032: 2014	0.1 % to 7.0 %
5	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates (Sand)	Sieve Analysis (Gradation)	IS 2386 (Part I): 2016	0.01 % to 100 %
6	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plaster	Consistency	IS 2542 (Part I): 2017	30 % to 80 %
7	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plaster	Residue 150 µm	IS 2542 (Part I): 2017	0.1 % to 10 %
8	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plaster	Setting Time	IS 2542 (Part I): 2017	1 Minutes to 400 Minutes
9	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plaster	Soundness	IS 2542 (Part I): 2017	Qualitative(Visual)
10	MECHANICAL- BUILDINGS MATERIALS	Gypsum Building Plaster	Transverse Strength	IS 2542 (Part I): 2017	4.0 Kg/cm <sup>2</sup> to 100.0 Kg/cm <sup>2</sup>



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name DRYCHEM SOLUTIONS PRIVATE LIMITED, A-246, TTC INDUSTRIAL AREA, M.I.D.C MAHAPE, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8524 Page No. : 2 / 5

Validity 04/06/2019 to 03/06/2021 Last Amended on 13/06/2019

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
11	MECHANICAL-BUILDINGS MATERIALS	Lightweight Gypsum Plaster	Compressive Strength	IS 2542 (Part I): 2017	0.9 N/mm <sup>2</sup> to 10.0 N/mm <sup>2</sup>
12	MECHANICAL-BUILDINGS MATERIALS	Lightweight Gypsum Plaster	Dry Bulk Density	IS 2542 (Part I): 2017	100 Kg/m <sup>3</sup> to 770 Kg/m <sup>3</sup>
13	MECHANICAL-BUILDINGS MATERIALS	Lightweight Gypsum Plaster	Dry set density	IS 2542 (Part I): 2017	100 Kg/m <sup>3</sup> to 1040 Kg/m <sup>3</sup>
14	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement/White Portland Cement	Compressive Strength	IS:4031(Part-6): 2014	16 MPa to 100 MPa
15	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement/White Portland Cement	Consistency	IS 4031(Part-4): 2014	25 % to 35 %
16	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement/White Portland Cement	Fineness by Blains	IS: 4031 (Part 2): 2018	225 m <sup>2</sup> /kg to 400 m <sup>2</sup> /kg
17	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement/White Portland Cement	Setting Time Final Setting	IS 4031(part-5): 2014	30 Minutes to 600 Minutes
18	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement/White Portland Cement	Setting Time Initial Setting	IS 4031(part-5): 2014	30 Minutes to 300 Minutes
19	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement/White Portland Cement	Soundness - Auto clave test	IS:4031(Part 3): 2014	0.01 % to 0.8 %
20	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement/White Portland Cement	Soundness-Le-chatelier test	IS:4031(Part 3): 2014	0.01 mm to 10 mm



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name DRYCHEM SOLUTIONS PRIVATE LIMITED, A-246, TTC INDUSTRIAL AREA, M.I.D.C MAHAPE, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8524 Page No. : 3 / 5

Validity 04/06/2019 to 03/06/2021 Last Amended on 13/06/2019

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
21	MECHANICAL-BUILDINGS MATERIALS	Ready Mixed Building Mortars (Block Jointing Mortar /Ready Mix Mortar)	Water Retentivity	BS 4551: 2005	88.0 % to 100.0 %
22	MECHANICAL-BUILDINGS MATERIALS	Ready Mixed Buildings Mortars (Block Jointing Mortar/Ready Mix Mortar)	Flow	EN 1015-3: 2004	1 % to 135 %
23	MECHANICAL-BUILDINGS MATERIALS	Ready Mixed Buildings Mortars (Block Jointing Mortar/Ready Mix Mortar)	Compressive Strength	BS EN 1015-11: 1999	1 N/mm <sup>2</sup> to 25 N/mm <sup>2</sup>
24	MECHANICAL-BUILDINGS MATERIALS	Rendering & Plastering Mortar (Ready Mix Plaster)	Compressive Strength	BS EN 1015-11: 1999	1 N/mm <sup>2</sup> to 50.0 N/mm <sup>2</sup>
25	MECHANICAL-BUILDINGS MATERIALS	Rendering & Plastering Mortar (Ready Mix Plaster)	Capillary Water Absorption	BS EN 1015-18: 2002	0.01 Kg/m <sup>2</sup> min0.5 to 0.2 Kg/m <sup>2</sup> min0.5
26	MECHANICAL-BUILDINGS MATERIALS	Rendering & Plastering Mortar(Ready Mix Plaster)	Adhesion	BS EN 1015-12: 2000	0.1 N/mm <sup>2</sup> to 5.0 N/mm <sup>2</sup>
27	MECHANICAL-BUILDINGS MATERIALS	Skim Coat (Wall putty/Coarse/Color Putty)	Compressive Strength	BS 4551 (Part I): 1998	1 N/mm <sup>2</sup> to 50 N/mm <sup>2</sup>
28	MECHANICAL-BUILDINGS MATERIALS	Skim Coat (Wall putty/coarse/colour)	Water Retentivity	BS 4551 (Part 1): 1998	95 % to 100 %
29	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Adjustability	IS 15477: 2015	0.1 Minute to 30 Minutes



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name DRYCHEM SOLUTIONS PRIVATE LIMITED, A-246, TTC INDUSTRIAL AREA, M.I.D.C MAHAPE, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8524 Page No. : 4 / 5

Validity 04/06/2019 to 03/06/2021 Last Amended on 13/06/2019

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
30	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Open Time	IS 15477: 2015	10 Minutes to 100 Minutes
31	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Type - 1 Tensile Adhesion (Dry Condition After 14 days)	IS 15477: 2015	0.75 kN to 20 kN
32	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Type 1 Shear Adhesion (Dry condition 14 days)	IS 15477: 2015	8.0 kN to 20 kN
33	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Type 1 Shear Adhesion (Dry condition 24 hrs.)	IS 15477: 2015	2.5 kN to 20 kN
34	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Type 1 Shear Adhesion (Heat Ageing)	IS 15477: 2015	4.0 kN to 20 kN
35	MECHANICAL-BUILDINGS MATERIALS	Tile adhesive	Type 1 Shear Adhesion (Wet condition 7 days)	IS 15477: 2015	4.0 kN to 20 kN
36	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Type 2 Shear Adhesion (Dry Condition) 24 hrs.	IS 15477: 2015	4.0 kN to 2.0 kN
37	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Type 2 Shear Adhesion (7 days Heat Aging)	IS 15477: 2015	5.0 kN to 20 kN
38	MECHANICAL-BUILDINGS MATERIALS	Tile adhesive	Type 2 Shear Adhesion (Wet condition 7 days)	IS 15477: 2017	5.0 kN to 20 kN



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name DRYCHEM SOLUTIONS PRIVATE LIMITED, A-246, TTC INDUSTRIAL AREA, M.I.D.C MAHAPE, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8524 Page No. : 5 / 5

Validity 04/06/2019 to 03/06/2021 Last Amended on 13/06/2019

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
39	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Type-1Tensile Adhesion (Wet Condition After 14 days)	IS 15477: 2015	0.45 kN to 20 kN
40	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Type-2Shear Adhesion (Dry Condition After 14 days)	IS 15477: 2015	1.0 kN to 20.0 kN
41	MECHANICAL-BUILDINGS MATERIALS	White Portland Cement	Degree of Whiteness	IS: 8042: 2015	70 % to 100 %
42	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	20/30/40 Kg HDPE/PP/BOPP Bags	Bottom Stitching	IS 11652: 2017	Qualitative(Visual)
43	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	20/30/40 Kg HDPE/PP/BOPP Bags	Drop Impact Test	IS 11652: 2017	Qualitative(Visual)
44	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	20/30/40 Kg HDPE/PP/BOPP Bags	Length of Sack	IS 11652: 2017	630 mm to 775 mm
45	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	20/30/40 Kg HDPE/PP/BOPP Bags	Stitching	IS 11652: 2017	Qualitative(Visual)
46	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	20/30/40 Kg HDPE/PP/BOPP Bags	Weight of Sack	IS 11652: 2017	70 g to 100 g
47	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	20/30/40 Kg HDPE/PP/BOPP Bags	Width of Sack	IS 11652: 2017	420 mm to 510 mm