

BUREAU OF INDIAN STANDARDS

Program of Work

CED 5 : Flooring, Wall Finishing And Roofing

Scope: STANDARDIZATION IN THE FIELD OF FLOORING MADE OF MATERIALS SUCH AS CONCRETE, CONCRETE TILES, MAGNESIUM OXYCHLORIDE, LINOLEUM, RUBBER, BITUMEN MASTIC AND PLASTICS; ACID AND ALKALI RESISTING FLOORING INCLUDING ACID RESISTING PLASTERS, WALL FINISHING, BITUMEN IMPREGNATED ROOFING SHEETS, PLASTICS BASED ROOFING SHEETS ETC, (EXCLUDING METAL AND ASBESTOS CEMENT SHEETS) AND THE RELATED CODES OF PRACTICES.

Liaison: **ISO TC-189 (P):** *Ceramic tile*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10132:1982 <i>Reviewed In : 2022</i>	Method of Test for Materials for Use in the Preparation of Magnesium Oxychloride Flooring Compositions	January, 2022	-	
2	IS 10403:1983 <i>Reviewed In : 2022</i>	Glossary of terms relating to building finishes	January, 2022	-	
3	IS 1195:2002 <i>Reviewed In : 2022</i>	Bitumen - Mastic for flooring - Specification (Third Revision)	November, 2022	-	Indigenous
4	IS 1196:2023	Laying Bitumen Mastic Flooring - Code of Practice (Third Revision)		-	Indigenous
5	IS 1197:1970 <i>Reviewed In : 2022</i>	Code of practice for laying of rubber floors (First Revision)	January, 2022	-	Indigenous
6	IS 1198:1982 <i>Reviewed In : 2022</i>	Code of practice for laying, fixing and maintenance of linoleum floors (First Revision)	January, 2022	-	Indigenous
7	IS 1237:2012 <i>Reviewed In : 2022</i>	Cement Concrete Flooring Tiles - Specification (Second Revision)	January, 2022	1	Indigenous
8	IS 12583:1988 <i>Reviewed In : 2024</i>	Corrugated Bitumen Roofing Sheets	February, 2024	2	
9	IS 12866:2021	Plastic Translucent Sheets made from Thermo-Setting Polyester Resin Glassfibre Reinforced - Specification		-	Indigenous
10	IS 13026:1991 <i>Reviewed In : 2022</i>	bitumen mastic for flooring for industries handling LPG and other light hydrocarbon products	January, 2022	1	
11	IS 13074:1991 <i>Reviewed In : 2022</i>	Code of practice for laying of bitumen mastic flooring for industries handling LPG and other light hydrocarbon products	January, 2022	-	
12	IS 13630 (Part 1):2019	Ceramic Tiles - Methods of Test, Sampling and Basis for Acceptance	May, 2024	-	Modified/Technically Equivalent

	Reviewed In : 2024 ISO 10545-2 : 1995	Part 1 Determination of Dimensions and Surface Quality (Second Revision)			
13	IS 13630 (Part 2):2019 Reviewed In : 2024 ISO 10545-3 : 1995	Ceramic Tiles - Methods of Test, Sampling and Basis for Acceptance Part 2 Determination of Water Absorption and Bulk Density (Second Revision)	May, 2024	-	Modified/Technically Equivalent
14	IS 13630 (Part 3):2019 Reviewed In : 2024 ISO 10545-10 : 1995	Ceramic Tiles - Methods of Test, Sampling and Basis for Acceptance Part 3 Determination of Moisture Expansion Using Boiling Water (Second Revision)	May, 2024	-	Modified/Technically Equivalent
15	IS 13630 (Part 4):2019 Reviewed In : 2024 ISO 10545-5 : 1996	Ceramic Tiles - Methods of Test, Sampling and Basis for Acceptance Part 4 Determination of Linear Thermal Expansion (Second Revision)	May, 2024	-	Modified/Technically Equivalent
16	IS 13630 (Part 5):2019 Reviewed In : 2024 ISO 10545-9 : 2013	Ceramic Tiles - Methods of Test, Sampling and Basis for Acceptance Part 5 Determination of Resistance to Thermal Shock (Second Revision)	May, 2024	-	Modified/Technically Equivalent
17	IS 13630 (Part 6):2019 Reviewed In : 2024 ISO 10545-4 : 2014	Ceramic Tiles - Methods of Test, Sampling and Basis for Acceptance Part 6 Determination of Modulus of Rupture and Breaking Strength (Second Revision)	May, 2024	-	Modified/Technically Equivalent
18	IS 13630 (Part 7):2019 Reviewed In : 2024 ISO 10545-7 : 1996	Ceramic Tiles – Methods of Test, Sampling and Basis for Acceptance Part 7 Determination of Stain and Chemical Resistance of Unglazed Tiles (Second Revision)	May, 2024	-	Modified/Technically Equivalent
19	IS 13630 (Part 8):2019 Reviewed In : 2024 ISO 10545-14 : 2015	Ceramic Tiles – Methods of Test, Sampling and Basis for Acceptance Part 8 Determination of Stain and Chemical Resistance of Glazed Tiles (Second Revision)	May, 2024	-	Modified/Technically Equivalent
20	IS 13630 (Part 9):2019 Reviewed In : 2024 ISO 10545-11 : 1994	Ceramic Tiles – Methods of Test, Sampling and Basis for Acceptance Part 9 Determination of Craze Resistance of Glazed Tiles (Second Revision)	May, 2024	-	Modified/Technically Equivalent
21	IS 13630 (Part 10):2019 Reviewed In : 2024 ISO 10545-12 : 1995	Ceramic Tiles – Methods of Test, Sampling and Basis for Acceptance Part 10 Determination of Frost Resistance (Second Revision)	May, 2024	-	Modified/Technically Equivalent
22	IS 13630 (Part 11):2019 Reviewed In : 2024 ISO 10545-7 : 1996	Ceramic Tiles – Methods of Test, Sampling and Basis for Acceptance Part 11 Determination of Resistance to Surface Abrasion of Glazed Tiles (Second Revision)	May, 2024	-	Modified/Technically Equivalent
23	IS 13630 (Part 12):2019	Ceramic Tiles – Methods of Test, Sampling and Basis for Acceptance Part 12 Determination	May, 2024	-	Modified/Technically Equivalent

	Reviewed In : 2024 ISO 10545-6 : 2010	of Resistance to Deep Abrasion of Unglazed Tiles (Second Revision)			
24	IS 13630 (Part 13):2019 Reviewed In : 2024	Ceramic Tiles â€™ Methods of Test Sampling and Basis for Acceptance Part 13 Determination of Scratch Hardness of Surface According to Mohsâ€™™ Scale (Second Revision)	May, 2024	-	Indigenous
25	IS 13630 (Part 14):2019 Reviewed In : 2024 ISO 10545-5 : 1996	Ceramic Tiles â€™ Methods of Test, Sampling and Basis for Acceptance Part 14 Determination of Impact Resistance by Measurement of Coefficient of Restitution (First Revision)	May, 2024	-	Modified/Technically Equivalent
26	IS 13630 (Part 15):2019 Reviewed In : 2024 ISO 10545-1 : 2014	Ceramic Tiles â€™ Methods of Test, Sampling and Basis for Acceptance Part 15 Sampling and Basis for Acceptance (First Revision)	May, 2024	-	Modified/Technically Equivalent
27	IS 13630 (Part 16):2019 Reviewed In : 2024 ISO 10545-15 : 1995	Ceramic Tiles â€™ Methods of Test, Sampling and Basis for Acceptance Part 16 Determination of Lead and Cadmium Given Off by Glazed Tiles	May, 2024	-	Modified/Technically Equivalent
28	IS 13712:2019 Reviewed In : 2024 ISO 13006 : 2012	Ceramic Tiles — Definitions, Classifications, Characteristics and Marking (Second Revision)	May, 2024	-	Modified/Technically Equivalent
29	IS 13801:2013 Reviewed In : 2023	Chequered Cement Concrete Tiles - Specification (First Revision)	May, 2023	-	
30	IS 1443:2018 Reviewed In : 2023	Laying and Finishing of Cement Concrete Tiles - Code of Practice (Second Revision)	July, 2023	-	Indigenous
31	IS 15193:2002 Reviewed In : 2022	Laying of Pitch-Mastic Flooring for Industries Handling Heavy Hydrocarbon Products Like Kerosene, Diesel and Furnace Oil - Code of Practice	November, 2022	-	
32	IS 15194:2002 Reviewed In : 2022	Pitch - Mastic flooring for industries handling heavy hydrocarbon products like kerosene, diesel and furnace oil - Specification	November, 2022	-	Indigenous
33	IS 15224:2002 Reviewed In : 2022	Laying of plastic translucent sheets made from thermosetting polyester resin (Glass Fibre Reinforced) alone or in conjunction with asbestos cement sheets/ steel sheets/aluminium sheets - Code of practice	November, 2022	-	Indigenous
34	IS 15401:2003 Reviewed In : 2024	Wall coverings in roll form - Vocabulary and symbols	February, 2024	-	Indigenous
35	IS 15418:2003 Reviewed In : 2024	Wall coverings in roll form for finished wall papers, wall vinyls and plastic wall coverings - Specification	February, 2024	-	Indigenous
36	IS 15477:2019 NULL	Adhesives for Use with Ceramic, Mosaics and Stone Tiles -	July, 2024	1	Not Equivalent

	Reviewed In : 2024 ISO 14007-1 : 2014 ISO 14007-2 : 2014	Specification (First Revision)			
37	IS 15622:2017 Reviewed In : 2022	Pressed Ceramic Tiles - Specification (First Revision)	August, 2022	1	Indigenous
38	IS 15658:2021	Concrete Paving Blocks - Specification (First Revision)		1	Indigenous
39	IS 1630:1984 Reviewed In : 2022	Specification of Mason's tools for plaster work and pointing work (First Revision)	January, 2022	-	
40	IS 1661:1972 Reviewed In : 2022	Code of practice for application of cement and cement - Lime plaster finishes (First Revision)	January, 2022	-	Indigenous
41	IS 16777:2019 Reviewed In : 2024	Laying of paver blocks - Code of practice	January, 2024	-	Indigenous
42	IS 17190:2020 ISO 13007 - 3 :2010	Grouts for Filling of Joints of Tiles and Stones - Specification		-	Modified/Technically Equivalent
43	IS 17682:2021	Aluminium Composite Panel - Specification		1	Indigenous
44	IS 17897:2022	Stone-Polymer Composite Flooring Tiles and Planks - Specification		-	Indigenous
45	IS 18433 (Part 1):2023 E303	Measurement of Surface Frictional Properties - Methods of Test Part 1 Pendulum Test		1	Modified/Technically Equivalent
46	IS 18433 (Part 2):2023 DIN 51130	Measurement of Surface Frictional Properties - Methods of Test Part 2 Ramp Test		-	Modified/Technically Equivalent
47	IS 18889:2024	Precast Concrete Paving Flags - Specification		-	Indigenous
48	IS 18894:2024	Precast Concrete Paving Grids and Grass Pavers $\frac{1}{2}$ Specification		-	Indigenous
49	IS 2114:2018 Reviewed In : 2023	Code of practice for laying in - Situ terrazzo floor finish (Second Revision)	July, 2023	-	Indigenous
50	IS 2394:1984 Reviewed In : 2022	Code of Practice For Application of Lime Plaster Finish (First Revision)	January, 2022	-	
51	IS 2402:1963 Reviewed In : 2022	Code of practice for external rendered finishes	January, 2022	-	Indigenous
52	IS 2571:1970 Reviewed In : 2022	Code of practice for laying in - Situ cement concrete flooring (First Revision)	January, 2022	-	Indigenous
53	IS 3461:1980 Reviewed In : 2022	Specification for PVC asbestos Floor Tiles (first revision)	January, 2022	4	
54	IS 3462:1986 Reviewed In : 2022	Specification for Unbacked Flexible PVC Flooring (second revision)	January, 2022	1	
55	IS 3464:1986 Reviewed In : 2022	Methods Of Test For Plastic Flooring And Wall Tiles	January, 2022	1	
56	IS 4441:2025	Use of Silicate Type Chemical Resistant Mortars - Code of Practice (second revision)		-	Indigenous
57	IS 4442:2025	Use of Sulphur Type Chemical Resistant Mortars - Code of Practice (second revision)		-	Indigenous

58	IS 4443:2025	Use of Resin Type Chemical Resistant Mortars - Code of Practice (second revision)		-	
59	IS 4456 (Part 1):1967 Reviewed In : 2022	Methods of test for chemical resistant mortars: Part 1 silicate type and resin type	January, 2022	1	Indigenous
60	IS 4456 (Part 2):1967 Reviewed In : 2022	Methods of test for chemical resistant mortars: Part 2 sulphur type	January, 2022	-	Indigenous
61	IS 4457:2007 Reviewed In : 2022	Ceramic unglazed vitreous acid resisting tiles - Specification (Second Revision)	January, 2022	-	Indigenous
62	IS 4631:1986 Reviewed In : 2022	Code of practice for laying of epoxy resin floor toppings	January, 2022	-	
63	IS 4832 (Part 1):2023	CHEMICAL RESISANT MORTARS SPECIFICATION PART 1 SILICATE TYPE		-	
64	IS 4832 (Part 2):2023	Chemical Resistant Mortars Specification Part 2 Resin Type		-	
65	IS 4832 (Part 3):2023	Chemical Resistant Mortars - Specification Part 3 Sulphur Type		-	
66	IS 4860:1968 Reviewed In : 2022	Specification for acid - Resistant bricks	January, 2022	-	Indigenous
67	IS 4971:2007 Reviewed In : 2022	Recommendations for selection of industrial floor finishes (First Revision)	June, 2022	-	Indigenous
68	IS 5317:2002 Reviewed In : 2022	Pitch-Mastic for Bridge Decking and Roads -	November, 2022	-	
69	IS 5318:1969 Reviewed In : 2022	Code of practice for laying of flexible PVC sheet and tile flooring	January, 2022	-	
70	IS 5491:1969 Reviewed In : 2022	Code of practice for laying in situ granolithic concrete floor topping	January, 2022	-	Indigenous
71	IS 5766:1970 Reviewed In : 2022	Code of practice for slaying burnt clay brick flooring	January, 2022	-	Indigenous
72	IS 6278:1971 Reviewed In : 2022	Code of practice for whitewashing and colour - Washing	January, 2022	-	Indigenous
73	IS 653:1992 Reviewed In : 2022	Linoleum Sheets And Tiles - Specification (Third Revision)	January, 2022	1	
74	IS 657:1982 Reviewed In : 2022	Specification for materials for use in the manufacture of magnesium oxychloride flooring compositions (Second Revision)	January, 2022	-	Indigenous
75	IS 658:1982 Reviewed In : 2022	Code of practice for magnesium oxychloride composition floors	January, 2022	-	Indigenous
76	IS 7956:1975 Reviewed In : 2022	Recommendations for selection of dairy floor finishes	January, 2022	-	Indigenous
77	IS 809:1992 Reviewed In : 2022	Rubber flooring materials for general purposes - Specification (First Revision)	January, 2022	-	Indigenous
78	IS 8374:1977 Reviewed In : 2022	Bitumen Mastic, Anti-Static and Electrically Conducting Grade	January, 2022	-	
79	IS 9162:1979 Reviewed In : 2022	Methods of tests for epoxy resins, hardeners and epoxy resin compositions for floor topping	January, 2022	-	Indigenous
80	IS 9197:1979 Reviewed In : 2022	Specification for epoxy resin, hardeners and epoxy resin compositions for floor topping	January, 2022	-	Indigenous

81	IS 9510:1980 Reviewed In : 2022	Specification for bitumen mastic, acid - Resisting grade	January, 2022	-	Indigenous
82	IS 9704:1980 Reviewed In : 2022	Methods of tests for linoleum sheets and tiles	January, 2022	2	Indigenous

Standards under Development

Projects Approved					
SI. No.	Doc No.		Title		
1	CED 5 (28514)		Floor and Wall tiling - Guidelines Part 1 Characteristics and Requirements of tile and Stone Laying Materials and Design Data		
2	CED 5 (28515)		Floor and Wall tiling - Guidelines Part 2 Installation Inspection and Maintenance of Tile and Stone Systems		

Preliminary Draft Standards		
SI. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage		
SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage					
SI. No.	Doc No.		Title		
1	CED 5 (27976)		Adhesives for use with Ceramic Mosaics and Stone Tiles - Specification First Revision Amendment - 2		
2	CED 5 (27984)		CHEMICAL RESISTANT MORTARS METHODS OF TEST PART 2 SULPHUR TYPE		
3	CED 5 (28508)		Ceramic Tiles - Methods of Test Sampling and Basis for Acceptance Part 15 Sampling and Basis for Acceptance First Revision Amendment - 1		
4	CED 5 (28509)		Pressed Ceramic Tiles - Specification First Revision Amendment - 2		
5	CED 5 (28511)		Precast Concrete Paving Flags - Specification Amendment - 1		
6	CED 5 (28516)		Concrete Paving Blocks - Specification First Revision Amendment - 2		
7	CED 5 (28517)		Precast Concrete Paving Grids and Grass Pavers - Specification Amendment - 1		

Finalized Draft Indian Standard		
SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print					
SI. No.	Doc No.		Title		
1	CED 5 (27587) Revision of: IS 4456:1967		METHODS OF TEST FOR CHEMICAL RESISTANT MORTARS PART I SILICATE TYPE AND RESIN TYPE First revision		
2	CED 5 (28513)		Aluminium Composite Panel - Specification Amendment - 2		

Total Published Standards:76 Total Standards Under development:11					
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Aspect Wise Report

Product : 28

Code of Practices : 24

Methods of Test : 23

Terminology : 3
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 2
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 13630 (Part 115):2006 Reviewed In : 2017	Ceramic Tiles - Methods of Test Sampling and Basis for Acceptance
2	IS 13711:1993 Reviewed In : 2003	Ceramic Tiles - Sampling And Basis For Acceptance
3	IS 13753:1993	Dust Pressed Ceramic Tiles With Water Absorption Of E 10 Group b Iii
4	IS 13754:1993 Reviewed In : 2003	Dust Pressed Ceramic Tiles With Water Absorption Of 6 e 10 group B Ii B
5	IS 13755:1993 Reviewed In : 2003	Dust Pressed Ceramic Tiles With Water Absorption Of 3 E 6 group B Ii A
6	IS 13756:1993 Reviewed In : 2003	Dust Pressed Ceramic Tiles With Low Water Absorption Of E 3 group B I
7	IS 15477:2004 ISO 5893 Reviewed In : 2010 IEC TR 62351-10:2012	Adhesives for Use with Ceramic Tiles and Mosaics
8	IS 15622:2006 Reviewed In : 2022 ISO 18363-1 : 2015	Pressed ceramic tiles - Superseding IS 13753 1993 IS 13754 1993 IS 13755 1993 and IS 13756 1993
9	IS 3463:1966	Polystyrene Wall Tiles
10	IS 4112:1967	Code of practice for fixing of polystyrene wall tiles
11	IS 777:1988 Reviewed In : 1996	Glazed earthenware wall tiles

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 10132:1982 Reviewed In : 2022	Method of Test for Materials for Use in the Preparation of Magnesium Oxychloride Flooring Compositions
2	IS 1195:2002 Reviewed In : 2022	Bitumen - Mastic for flooring - Specification Third Revision
3	IS 12583:1988 Reviewed In : 2024	Corrugated Bitumen Roofing Sheets
4	IS 12866:2021 ISO/TR 20218-1:2018	Plastic Translucent Sheets made from Thermo-Setting Polyester Resin Glassfibre Reinforced - Specification
5	IS 13026:1991 Reviewed In : 2022	bitumen mastic for flooring for industries handling LPG and other light hydrocarbon products
6	IS 13801:2013 Reviewed In : 2023	Chequered Cement Concrete Tiles - Specification First Revision
7	IS 15194:2002 Reviewed In : 2022	Pitch - Mastic flooring for industries handling heavy hydrocarbon products like kerosene diesel and furnace oil - Specification
8	IS 15418:2003 Reviewed In : 2024	Wall coverings in roll form for finished wall papers wall vinyls and plastic wall coverings - Specification
9	IS 15658:2021	Concrete Paving Blocks - Specification First Revision

	ISO 283 :2015	
10	IS 1630:1984 Reviewed In : 2022	Specification of Mason 39 s tools for plaster work and pointing work First Revision
11	IS 17190:2020 ISO 13007 - 3 :2010	Grouts for Filling of Joints of Tiles and Stones - Specification
12	IS 17682:2021 ISO 22766 : 2020	Aluminium Composite Panel - Specification
13	IS 17897:2022 ISO 29061-1 : 2010	Stone-Polymer Composite Flooring Tiles and Planks - Specification
14	IS 18889:2024	Precast Concrete Paving Flags - Specification
15	IS 3461:1980 Reviewed In : 2022	Specification for PVC asbestos Floor Tiles first revision
16	IS 3462:1986 Reviewed In : 2022	Specification for Unbacked Flexible PVC Flooring second revision
17	IS 4457:2007 Reviewed In : 2022	Ceramic unglazed vitreous acid resisting tiles - Specification Second Revision
18	IS 4832 (Part 1):2023	CHEMICAL RESISANT MORTARS SPECIFICATION PART 1 SILICATE TYPE
19	IS 4832 (Part 2):2023	Chemical Resistant Mortars Specification Part 2 Resin Type
20	IS 4832 (Part 3):2023	Chemical Resistant Mortars - Specification Part 3 Sulphur Type
21	IS 4860:1968 Reviewed In : 2022	Specification for acid - Resistant bricks
22	IS 5317:2002 Reviewed In : 2022	Pitch-Mastic for Bridge Decking and Roads -
23	IS 653:1992 Reviewed In : 2022	Linoleum Sheets And Tiles - Specification Third Revision
24	IS 657:1982 Reviewed In : 2022	Specification for materials for use in the manufacture of magnesium oxychloride flooring compositions Second Revision
25	IS 809:1992 Reviewed In : 2022	Rubber flooring materials for general purposes - Specification First Revision
26	IS 8374:1977 Reviewed In : 2022	Bitumen Mastic Anti-Static and Electrically Conducting Grade
27	IS 9197:1979 Reviewed In : 2022	Specification for epoxy resin hardeners and epoxy resin compositions for floor topping
28	IS 9510:1980 Reviewed In : 2022	Specification for bitumen mastic acid - Resisting grade