

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### CED 41 : Waterproofing And Damp-proofing

Scope: STANDARDIZATION IN THE FIELD OF WATERPROOFING AND DAMP-PROOFING MAINLY WITH REFERENCE TO GENERAL BUILDING CONSTRUCTION INCLUDING SPECIFICATION FOR MATERIALS, CODE OF PRACTICE AND METHODS OF TESTS.

Liaison:

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 12027 : 1987 <span style="color: green;">Reviewed In : 2022</span>	Specification for silicone - Based water repellents	December, 2022	1	Indigenous
2	IS 12054 : 1987 <span style="color: green;">Reviewed In : 2020</span>	Code of practice for application of silicone - Based water repellents	April, 2020	-	Indigenous
3	IS 13182 : 2020  <span style="color: green;">AS 3740</span>	Waterproofing and Damp-Proofing of Wet Areas in Buildings — Recommendations ( First Revision )	-	-	Modified/Technically Equivalent
4	IS 1322 : 1993 <span style="color: green;">Reviewed In : 2022</span>	Bitumen Felts for Water Proofing and Damp-proofing - Specification (Fourth Revision)	December, 2022	2	
5	IS 13435 (Part 1) : 2021	Acrylic Based Polymer Waterproofing Material - Method of Tests: Part 1 Determination of Solid Content (First Revision)		-	Indigenous
6	IS 13435 (Part 2) : 1992 <span style="color: green;">Reviewed In : 2022</span>	Acrylic based Polymer waterproofing Materials - Methods of Test - Part 2 : Determination of Coarse Particles	December, 2022	-	
7	IS 13435 (Part 3) : 1992 <span style="color: green;">Reviewed In : 2022</span>	Acrylic Based Polymer Waterproofing Materials - Methods of Test: Part 3 Determination of Capillary Water Take-up	December, 2022	1	
8	IS 13435 (Part 4) : 1992 <span style="color: green;">Reviewed In : 2022</span>	Acrylic Based Polymer Waterproofing Materials - Methods of Tests: Part 4 Determination of pH value	December, 2022	-	
9	IS 1346 : 1991 <span style="color: green;">Reviewed In : 2020</span>	Code of Practice for Waterproofing of Roofs with Bitumen Felts (Third Revision)	March, 2020	-	
10	IS 13826 (Part 1) : 1993 <span style="color: green;">Reviewed In : 2022</span>	Bitumen based felts - Method of test Part 1 Breaking strength test	December, 2022	1	
11	IS 13826 (Part 2) : 2022	Bitumen based felts - Methods of test: Part 2 Pliability test (First		-	Indigenous

		Revision)			
12	IS 13826 (Part 3) : 1993 <a href="#">Reviewed In : 2022</a>	Bitumen based felts - Methods of test Part 3 Storage sticking test	December, 2022	-	
13	IS 13826 (Part 4) : 1993 <a href="#">Reviewed In : 2022</a>	Bitumen Based Felts - Methods of Test: Part 4 Pressure Head Test	December, 2022	1	
14	IS 13826 (Part 5) : 1994 <a href="#">Reviewed In : 2022</a>	Bitumen based felts - Methods of test Part 5 Heat resistance test	December, 2022	-	
15	IS 13826 (Part 6) : 1993 <a href="#">Reviewed In : 2022</a>	Bitumen based felts - Methods of test Part 6 Water absorption test	December, 2022	-	
16	IS 13826 (Part 7) : 1993 <a href="#">Reviewed In : 2022</a>	Bitumen based felts - Methods of test Part 7 Determination of binder test	December, 2022	1	
17	IS 14695 : 1999 <a href="#">Reviewed In : 2024</a>	Glass fibre base coal tar pitch outerwrap - Specification	January, 2024	-	Indigenous
18	IS 1580 : 1991 <a href="#">Reviewed In : 2020</a>	Bituminous compounds for waterproofing and caulking purposes - Specification (Second Revision)	March, 2020	-	Indigenous
19	IS 1609 : 1991 <a href="#">Reviewed In : 2020</a>	Damp - Proofing treatment using bitumen felts - Code of practice (Third Revision)	March, 2020	-	Indigenous
20	IS 16471 : 2017 <a href="#">Reviewed In : 2022</a>	Protection of below ground structures against water from the ground - Guidelines	March, 2022	-	Indigenous
21	IS 16525 : 2017 <a href="#">Reviewed In : 2022</a>	Styrene butadiene styrene (SBS) modified bituminous waterproofing and damp-proofing membrane with polyester reinforcement - Specification	June, 2022	-	Indigenous
22	IS 16526 : 2017 <a href="#">Reviewed In : 2022</a>	Atactic polypropylene (APP) modified bituminous waterproofing and damp-proofing membrane with glass fibre reinforcement - Specification	June, 2022	-	Indigenous
23	IS 16532 : 2017 <a href="#">Reviewed In : 2022</a>	APP Modified Bituminous Waterproofing and Damp-Proofing Membrane with Polyester Reinforcement - Specification	June, 2022	-	
24	IS 16540 : 2017 <a href="#">Reviewed In : 2022</a>	Atactic polypropylene (APP) modified high molecular high density polyethylene (HMHDPE) bituminous waterproofing and damp-proofing membrane - Specification	June, 2022	-	Indigenous
25	IS 3036 : 2022	Laying Lime Concrete for a Waterproofed Roof Finish - Code of Practice (Third Revision)		-	Indigenous
26	IS 3037 : 1986 <a href="#">Reviewed In : 2020</a>	Specification for bitumen mastic for use in water-proofing of roofs (First Revision)	March, 2020	-	Indigenous
27	IS 3067 : 1988 <a href="#">Reviewed In : 2020</a>	Code of practice for general design details and preparatory work for damp-proofing and water-proofing of buildings (First Revision)	March, 2020	-	
28	IS 3384 : 1986	Specification for bitumen primer	March, 2020	-	Indigenous

	Reviewed In : 2020	for use in waterproofing and damp-proofing (First Revision)			
29	IS 4365 : 1967 Reviewed In : 2020	Code of practice for application of bitumen mastic for waterproofing of roofs	March, 2020	-	
30	IS 4911 : 1986 Reviewed In : 2020	Glossary of terms relating to bituminous waterproofing and damp - Proofing of buildings (First Revision)	March, 2020	1	Indigenous
31	IS 5871 : 1987 Reviewed In : 2020	Specification for bitumen mastic for tanking and damp - Proofing (First Revision)	March, 2020	-	Indigenous
32	IS 6494 : 1988 Reviewed In : 2020	Code of practice for waterproofing of underground water reservoirs and swimming pools (First Revision)	March, 2020	-	Indigenous
33	IS 7193 : 2013 Reviewed In : 2023	Glass Fibre Base Bitumen Felts - Specification (Second Revision)	May, 2023	-	Indigenous
34	IS 7198 : 1974 Reviewed In : 2020	Code of practice for damp - Proofing using bitumen mastic	March, 2020	-	Indigenous
35	IS 7290 : 1979 Reviewed In : 2020	Recommendations for use of polyethylene film for waterproofing of roofs (First Revision)	March, 2020	1	Indigenous
36	IS 9918 : 1981 Reviewed In : 2020	Code of practice for in - Situ waterproofing and damp - Proofing treatment with glass fibre - tissue reinforced bitumen	April, 2020	-	Indigenous

### Standards under Development

#### Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Drafts Standards in WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	CED 41 (26419)	Application of Water Repellents Code of Practice First Revision
2	CED 41 (26421)	Water Repellents Specification Part 1 Silicone Based First Revision
3	CED 41 (26422)	Water Repellents Specification Part 2 Silane Based

#### Finalized Draft Indian Standard

SI. No.	Doc No.	Title
<i>No Records Found</i>		

## Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
<i>No Records Found</i>		

**Total Published Standards:36 Total Standards Under development:3**

### Aspect Wise Report

Product : 12  
 Code of Practices : 11  
 Methods of Test : 11  
 Terminology : 1  
 Dimensions : 0  
 System Standard : 0  
 Safety Standard : 0  
 Others : 1  
 Service Specification : 0  
 Process Specification : 0  
 Unclassified : 0

### Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 13435 (Part 5) : 1992 Reviewed In : 2008	Acrylic based polymer waterproofing material - Methods of test Part 5 Determination of minimum film forming temperature and white point
2	IS 8403 : 1977	Code of practice for construction of clarification digester for treatment of sewage

### Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 12027 : 1987 Reviewed In : 2022	Specification for silicone - Based water repellents
2	IS 1322 : 1993 Reviewed In : 2022	Bitumen Felts for Water Proofing and Damp-proofing - Specification Fourth Revision
3	IS 14695 : 1999 Reviewed In : 2024	Glass fibre base coal tar pitch outerwrap - Specification
4	IS 1580 : 1991 Reviewed In : 2020	Bituminous compounds for waterproofing and caulking purposes - Specification Second Revision
5	IS 16525 : 2017 Reviewed In : 2022	Styrene butadiene styrene SBS modified bituminous waterproofing and damp-proofing membrane with polyester reinforcement - Specification
6	IS 16526 : 2017 Reviewed In : 2022	Atactic polypropylene APP modified bituminous waterproofing and damp-proofing membrane with glass fibre reinforcement - Specification
7	IS 16532 : 2017 Reviewed In : 2022	APP Modified Bituminous Waterproofing and Damp-Proofing Membrane with Polyester Reinforcement - Specification
8	IS 16540 : 2017 Reviewed In : 2022	Atactic polypropylene APP modified high molecular high density polyethylene HMHDPE bituminous waterproofing and damp-proofing membrane - Specification
9	IS 3037 : 1986 Reviewed In : 2020	Specification for bitumen mastic for use in water-proofing of roofs First Revision
10	IS 3384 : 1986 Reviewed In : 2020	Specification for bitumen primer for use in waterproofing and damp-proofing First Revision
11	IS 5871 : 1987 Reviewed In : 2020	Specification for bitumen mastic for tanking and damp - Proofing First Revision

12	IS 7193 : 2013 Reviewed In : 2023	Glass Fibre Base Bitumen Felts - Specification Second Revision
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