

RELATED INDIAN STANDARDS

A. THERMAL INSULATION

- IS: 661-2000 Code of practice for thermal insulation cold storages.
- IS: 3069-1994 Glossary of terms, symbols and units relating to thermal insulation materials.
- IS: 3144-1992 Methods of test for mineralwool thermal insulation materials.
- IS: 3308-1981 Specification for Woodwool Building Slabs.
- IS: 3346-1980 Method for the determination of thermal conductivity of thermal insulation materials. (Two-slab, guarded hot plate method)
- IS: 3677-1985 Specification for Unbonded Rock and Slagwool for thermal insulation (1st rev).
- IS: 3792-1978 Guid for heat insulation of non-industrial buildings.
- IS: 3808-1979 Method of test for non-combustibility of building materials.
- IS: 3809-1979 Fire resistance test of structures.
- IS: 4671-1984 Specification for Expanded Polystyrene for thermal insulation purposes.
- IS: 4998 (Part 1) -1975 Criteria for Design of reinforced Concrete Chimneys.
- IS: 5688-1982 Methods of test for preformed block-type and pipe-covering type thermal insulation.
- IS: 5724-1970 Methods of test for thermal insulating cements.
- IS: 6598-1972 Specification for cellular concrete for thermal insulation.
- IS: 7509-1993 Specification for thermal insulating cement (Type 750)
- IS: 7510-1974 Thermal insulating cements (Type 350)
- IS: 8154-1993 Specification for preformed calcium silicate insulation (for temperature upto 650° C).
- IS: 8183-1993 Specification for Bonded Mineralwool.
- IS: 9114-1979 General requirements for insualtion in Air-Conditioned spaces on Board Ships.
- IS: 9350-1980 Specification for Thermal Insulating cement (Type 950)
- IS: 9403-1980 Method of test for thermal conductance & Transmittance of built-up sections by means of guarded hot box.
- IS: 9428-1993 Specification for preformed Cal-silicate insulation (For temperature upto 950° C).
- IS: 9489-1980 Method of test for thermal conductivity of thermal insulation materials by means of heat flow meter.
- IS: 9490-1980 Method of determination of thermal conductivity of thermal insulation materials (Water calorimeter method).
- IS: 9742-1993 Specification for sprayed mineralwool thermal insulation.
- IS: 9743-1990 Specification for Thermal Insulation finishing cements.
- IS: 9842-1994 Specification for preformed fibrous pipe insulation.
- IS: 10555-1983 Specification for exfoliated vermiculite.
- IS: 10556-1983 Code of practice for storage and handling of thermal insulation materials.
- IS: 11128-1984 Specification for spray-applied hydrated calcium silicate thermal insulation.
- IS: 11129-1984 Method of test for tumbling friability of preformed block-type thermal insulation.
- IS: 11239-1985 Method of Test for Rigid Cellular thermal insulation materials. (Part 1 to 13)
- IS: 11307-1985 Specification for cellular Glass block and pipe thermal insulation.
- IS: 11308-1985 Specification for hydraulic setting thermal insulating castables for temperature upto 1250° C.
- IS: 12081 (Part 2) -1987 Recommendation for Pictorial Warning Signs & Precautionary. Notices for asbestos & products containing asbestos.
- IS: 12432 (Part 1) -1988 Code of practice for application & spray applied insulation. - Mineral Fibre.
- IS: 12432 (Part 2) -1999 Code of practice for application & spray applied insulation - Calcium Silicate.

- IS: 14335 - 1996 Mineral Fibre Marine Board - Spec.
- IS: 2095 (Part 1) Gypsum Plaster Boards : Pt. 1 Plain Gypsum Plaster Boards.
- 1996
- IS: 2095 (Part 3) Gypsum Plaster Boards : Pt. 3 Reinforced Gypsum Plaster Boards.
-1996
- IS : 2542 Methods of Test for Gypsum Plaster, Concrete and Products : Part 2 - Gypsum Products.
(Part 2) Sec. 1-8
-1981
- IS: 15402-2003 Ceramic Fibre Blanket Insulation - Spec.
- IS: 12432(Part 3) Application of Spray Applied Insulation-Code of Practice Pt. 3 PUR/PIR.
-2002
- IS: 12436-1988 Specification for Preformed Rigid Polyurethane (PUR) and Polyisocyanurate(PIR).
Foams for Thermal Insulation.
- IS: 12459-1988 Code of practice for fire safety in cable runs.
- IS: 12777-1989 Method for classification of flame spread of products.
- IS: 13204-1991 Specification for Rigid Phenolic Foam for Thermal Insulation.
- IS: 13205-1991 Code of Practice for the application of Polyurethane Insulation by In-Situ pouring method.
- IS: 13286-1992 Surface spread of flame for thermal insulation materials method of test.
- IS: 14164-2008 Code of practice for industrial application and finishing of thermal insulation materials
for -80°C upto 750° C.
- IS: 14307-1995 Methods of test for shipbuilding-deck covering, thermal & acoustic insulation materials.
(Part 1 to 4)
- IS: 14317-1995 Specification for Shipbuilding-Preformed Rigid Polyisocyanurate Foam Thermal Insulation
Materials.
- IS: 14656-1999 Ceramic fibre products-Methods of test.
- IS: 14337 - 1996 Mineral Fibre Resin Bonded Slab - Spec.

B. ACOUSTIC TREATMENT AND NOISE CONTROL

- IS: 1950-1962 Code of practice for sound insulation of non-industrial buildings.
- IS: 2526-1963 Code of practice for acoustical design of auditoriums and conference halls.
- IS: 3483-1965 Code of practice for noise reduction in industrial buildings.

C. REFRACTORIES

- IS: 6-1983 Specification for Moderate Heat Duty Fire Clay Refractories, Group 'A' (4th Rev).
- IS: 8-1994 Specification for High Heat Duty Fireclay Refractories (4th rev).
- IS: 2042-1972 Specification for insulating bricks (1st rev).
- IS: 10570-1983 Method of Testing Refractory Castables.

D. WATER PROOFING AND DAMP PROOFING

- IS: 1322-1993 Specification for bitumen felts for water-proofing and damp proofing.
- IS: 1346-1991 Code of practice for water proofing of roofs with bitumen felts.
- IS: 1398-1982 Packing paper, water proof, bitumen laminated.
- IS: 1580-1991 Specification for Bitumenous compounds for Water-proofing and caulking purposes (1st Rev).
- IS: 1609-1991 Code of practice for laying Damp-Proof Treatment using Bitumen Felts (2nd rev).
- IS: 3036-1992 Code of practice for laying lime concrete for a water proofed roof finish (1st rev).
- IS: 3037-1986 Specification for Bitumen Mastic for use in water proofing of roofs (1st rev).
- IS: 3067-1988 Code of practice for general design details and preparatory work for damp-proofing and
water-proofing of Buildings.