## List of Preferred Makes for Civil Works (as applicable)

Preferred makes of materials to be used in the work are as under. In case of non-availability of these makes, the Engineer-in-charge may allow use of alternative BIS makes of materials in the work. Non-BIS marked materials may be permitted by the Engineer-in-charge. This is a general list of makes. All makes applicable as per Schedule of Quantities must be as per the Institute preferred make.

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| Sl. No.  | **Material description** | **Manufacturer / Brand Name** |
| 1. | Ready Mix Concrete | Ultratech Concrete, ACC Ready Mix and RMC India |
| 2. | Cement (PPC/OPC) | ACC, Ultratech, Vikram, Shree Cement, Abuja, JK Cement, Century Cement, Jaypee Cement & Prism Cement. |
| 3. | White Cement | Birla White, J.K. White |
| 4. | Reinforcement Steel | SAIL, Tata Steel Ltd, RINL, Jindal Steel & Power Ltd. and JSW Steel Ltd |
| 5. | Water proofing compounds, admixtures, plasticizer, super plasticizer, curing compounds | Fosroc, ROFF/Dr. Fixit (Pidilite Industries), STP Ltd., Sika, BASF, Ardex Endura & Parma Construction Aids Pvt. Ltd. |
| 6. | Integral water proofing compound with cement (for plaster & mortar) | Fosroc: Conplast 421, Dr. Fixit : LW+, Sika: Sikacim, Asian Paint: SmartCare Vitalia & equivalent product of BASF, STP Ltd., Ardex Endura, Perma Construction Aids Pvt. Ltd.  |
| 7. | Water proofing compound for bathroom/ toilet /balcony & other wet area  | Fosroc: Bush Bond, STP Ltd.: Shalicrete, CICO: Tapecrete, Dr. Fixit : Pidifine 2K, Sika : Topseal 107, Asian Paints: Damp Block 2K & equivalent |
| 8. | Crystalline water proofing compound  | Product of BASF, Ardex Endura, Perma Con- struction Aids Pvt. Ltd. Fosroc: Bushbond TGP, Dr. Fixit : Dr. Fixit Krystalline, Sika: Sika 101h, Asian Paints: SmartCare & equivalent product of BASF, Ar- dex Endura, STP Ltd., Perma Construction Aids Pvt. |
| 9. | Grouts, Tile Adhesive | Laticrete, STP Ltd., Kajaria, BASF, Perma, Ardex Endura, JK White & Ferrous Crete. |
| 10. | Structural steel | SAIL, Tata Steel, Rashtriya Ispat Nigam Ltd. (RINL), JSW Steel Ltd., Jindal Steel & Power Ltd.  |
| 11. | Polycarbonate sheet | GE Plastic, LEXAN & MG Polyplast |
| 12. | Profile steel sheet | Ezydeck of TATA, Lloyd Superdeck, JSW, Jindal |
| 13. | Particle board | Action TESA, Merino, Archidply & Orion Doors |
| 14. | Laminates | Action TESA, Greenlam, Century Ply, Merino, Archidply, Virgo & Orion doors |
| 15. | Flush door shutters | Duro, Century, Durian, Archidply, Green Ply, JAYNA (Jain Wood Industries), Jain Doors Pvt. Ltd., GREENPANEL & Orion Doors Note: Only ISI marked flush door shutters to be used. |
| 16. | Fire rated doors | Signum fire protection, Shakti Metdoor, NAVAIR, Promat, Thrislington, Sukri & Bhawani. If fire rated glass is integral part of fire rated door than it should be of one of the following makes: Pyroguard, Saint Gobain, Asahi India, Pilkington & Schott  |
| 17. | False ceiling system | Armstrong, USG Boral, Saint Gobain, Aerolite, Interarch, Hi- steel of PR Ceiling Products |
| 18. | Plywood / Veneer | Greenply, Century, Merino, Durian, Archidply, GREENPANEL & Orion Doors.  |
| 19. | Melamine polish | Asian Paints melamine gold, Wudfin of Pidilite & Timbertone of ICI dulux.  |
| 20. | Floor spring & door closer  | Godrej, Dormakaba, Dorset & Kich |
| 21. | Aluminum section | Hindalco, Jindal & Indian Aluminium Co. |
| 22. | Anodized aluminum hardware (Heavy Duty) | Kilon, Alualpha, Classic & Ebco. |
| 23. | Clear / Float/Frosted/Toughen Glass/ Refractive glass  | Saint Gobain, AIS & Modiguard |
| 24. | Stainless steel railing, Accessories etc. | JINDAL, Dormakaba, Kich, GEZE, Godrej & Hardwyn |
| 25. | SS fittings for doors & window  | Jindal, Dormakaba, Kich, Dorset, Godrej, Ozone & Define  |
| 26. | Silicon based water re-pellant /weather sealant | GE Plastics, STP Ltd., Dow Corning, Waker, BASF & Pidilite (Dr. Fixit/ Roff |
| 27. | Poly-Sulphide Sealant | Fosroc, STP Ltd., Pidilite (Dr. Fixit/Roff), Sika & BASF |
| 28. | Mosaic tiles/Chequered Tiles | Ultra Tiles, NITCO, Hyper, Mayur & Pavcon,  |
| 29. | Glazed Ceramic Tiles | Kajaria, NITCO, Orient Bell, Johnson, Somany, RAK & Varmora |
| 30. | Vitrified Tiles (Antiskid /Matt /Glazed) | Kajaria, NITCO, Orient Bell, Johnson, Somany, RAK, Varmora & Restile |
| 31. | Paver block & Kerb stone | Pavcon, Hyper, Mayur, KK, Power, Sharda & Navya |
| 32. | Cement Based wall putty | Asian Paints, Birla Wall Care, JK, White & Ber- ger  |
| 33. | Oil bound washable dis temper / dry distemper | Asian Paints (Professional Acrylic Distemper), Nerolac: Beauty Acrylic Distemper, Berger: Bison Acrylic Distemper& Dulux ICI: Maxilite |
| 34. | 1st quality acrylic distemper (washable/ ready mix / Low VOC) | Asian Paints (Tractor Aqua Lock Paint), Berger: Commando or equivalent paints of Nerolac & ICI-Dulux |
| 35. | Acrylic emulsion paints  | Asian Paints: (Professional Premium Interior, Emulsion Paint), Nerolac: Beauty Gold, Berger: Rangoli Total Care & ICI Dulux: Super Cover, Indigo |
| 36. | Plastic emulsion paint  | Asian Paints: (Apcolite Heavy Duty Premium Emulsion Paint), Nerolac: Impression, Berger: Easy Clean & ICI Dulux: 3 in 1 |
| 37. | Premium acrylic emul sion paints (Interior) | Asian Paints: (Royale Luxury Emulsion), Nero- lac: Impression, Berger: Silk & ICI Dulux: Vel- vet Touch, Indigo |
| 38. | Textured exterior paint | Asian Paints, Nerolac, Berger Paints, Ultratech Paints &Luxture |
| 39. | Acrylic smooth exterior paint | Asian Paints: (Apex/Professional Premium Ex- terior Emulsion), Nerolac: XL, Berger: Weather Coat & ICI Dulux: Weather Shield, Indigo  |
| 40. | Premium acrylic smooth exterior paint with sil- icon additive | Asian Paints: Apex Ultima, Nerolac: XL total, Berger: Weather Coat all Guard & ICI Dulux : Weather Shield Max |
| 41. | Synthetic Enamel Paint | Asian Paints: Apcolite Premium Gloss Enamel, Nerolac: Synthetic Hi gloss, Berger: Luxol Hi gloss & ICI Dulux: Gloss Synthtic enamel. |
| 42. | Cement Primer | Nerolac, Berger (BP white), STP Ltd., Asian (Decoprime WT) & ICI (White primer). |
| 43. | Steel primer (Red Oxide Zinc Chromate Primer) | Asian Paints, Nerolac, Berger & ICI |
| 44. | Wood primer | Asian Paints (wood primer - White/Pink), Burger, ICI & Nerolac  |
| 45. | Epoxy paint | Asian Paints, STP Ltd., Nerolac, Berger, ICI, Kansai, & Akzo Nobel |
| 46. | Fire paint | Asian paint, STP Ltd., Akzo Nobel, PROMAT, & JOTUN |
| 47. | GI/MS Pipe | Tata, Jindal (Hisar) & Prakash Surya |
| 48. | GI Fittings | Unik, AVR & Zoloto |
| 49. | HDPE Pipes | Reliance, Jain Pipes, ORIPLAST & Supreme |
| 50. | DI Pipes & fittings | Electrosteel, Jindal, TATA DUCTURA, Kapil Ansh & & Kesoram |
| 51. | UPVC pipe and fittings | Astral, Supreme, Prince, M/s Skipper Ltd, Ashirwad &Prayag Polymers Pvt. Ltd |
| 52. | SW Pipes (BIS ap- proved) | Anand, Parry & Perfect |
| 53. | Centrifugally Cast (Spun) Iron Pipes & Fittings /Hub less pipes & fittings | NECO, BIC,Kapilansh, SKF, Raj Pattern Makers & Founders Pvt. Ltd. or any other ISI marked make |
| 54. | CI Manhole covers, frames & GI Gratings | NECO, BIC, SKF & Kapilansh,  |
| 55. | SFRC Manhole covers & gratings | K K Jain & Pragati |
| 56. | CP brass fittings (Superior range) | Jaquar, Grohe & Roka. |
| 57. | CP brass fittings (Nor- mal Range) | ESSCO (by Jaquar), Parryware, CERA, Kerovit (Kajaria), Johnson & Prayag Polymers Pvt. Ltd. |
| 58. | Sanitary ware, fittings & accessories | Kerovit (Kajaria), CERA, Jaquar, Parryware, Hindware & Prayag Polymers Pvt. Ltd. |
| 59. | Mirror glass | Atul, Modi Guard & Golden Fish |
| 60. | CPVC Pipe & fitting | Astral, Superme, Prince, M/s Skipper Ltd., Ashirwad & Prayag Polymers Pvt. Ltd. |
| 61. | Stainless steel sink | Neelkanth, Niralli, Jyna & Prayag Polymers Pvt. Ltd. |
| 62. | FRP doors shutters & frame | Jayna, Fiberways, Jain Doors Pvt. Ltd. & Selected Product Co, |
| 63. | Extruded polystyrene insulation board | Dowcorning, Supreme, Texas & Analco |
| 64. | Gypsum plaster | Ferrous Crete, Gyproc Saint Gobain, Ultra Tech & J K White  |
| 65. | Floor hardener | Ironite, Perma, STP Ltd., Ferrok & Hardonate |
| 66. | Modular Expansion Joint | Herculus, Sanfield India Ltd & Vexcolt |
| 67. | Glass Wool | Dow Corning, UP Twiga & Isover |
| 68. | uPVC door/window/ventilator | Fenesta, Komerling, Rheau, Veka, Duroplast, Aluplast & Advika Profiles Pvt. Ltd. (Fabric- ation and installation will be done by profile |
| 69. | uPVC doors and win- dow hardware | Manufacturer or his authorized fabricator). Roto, Dorset, DNV Accado & Kinlong |
| 70. | AAC block Adhesive  | UltraTech, Perma, Ardex Endura & Ferrous Crete |
| 71. | PVC Water Tank | Syntex & Vectus |
| 72. | AAC Block | MAX Blocks, UltraTech, HIL & BILTECH ACE & Gravit |
| 73. | Modular Kitchen | Everyday/Hettich/Steel Art Brand Baskets of AISI 304(18/8); Hettich/Hafele Brand Auto closing, Concealed Hinges; DMS/ Dynasty/ Indoline brand shutter |
| 74. | Aluminum shuttering | Knest, S-form, Durand Forms (India) Pvt. Ltd. & Mivan |
| 75. | MS Tubular windows & Pressed Steel door frames | Jangid Engineering Works, AGFUV, Sen Harvic, Navair Delhi & Sukriti Delhi |
| 76. | Dash fasteners /Anchors | Hilti, Bosch & Fischer |