

Gujarat University

MATERIAL MAKE LIST

LIST OF APPROVED CIVIL MATERIALS / BRANDS FOR BUILDING WORKS

2. Reinforcement Steel-Fe 500 SRS 3. Structural Steel 4. Water proofing Compounds 4. Water proofing Compounds 5. Hardeners 6. Plastic emulsion Paints: Interior 7. Red Oxide (For IPS Flooring) 8. Premium Quality Weather proof paint: Exterior 9. Glass/ Structural Glass 10. Ceramic Tiles 10. Vitrified Tiles	Sr. No.	ltem	Approved Make
Tata, SAIL, Essar, ASR Auter proofing Compounds Krishna Concare, Pidillite, Fosroc, Roffe, CICO or equivalent Hardeners Hardeners Red Oxide (For IPS Flooring) Shallmar, 'Garware' or equivalent, Premium Quality Weather proof paint: beterior Glass/ Structural Glass Glass/ Structural Glass Saint Gobain LOW-e, ASAHILOW-e Johnson, Somani, Asian, or as approved by consultant. Vitrified Tiles (Note: vitrified Tiles shall have to be whole body homogenous & Matt finish) Stone Mirror polished kota, Machine cut river polished granite, as approved by consultant. Aluminum Sections for Doors/Windows Hallminum Sections for Doors/Windows Hallminum Sections for Doors/Windows Aluminum Sections for Doors/Windows Hallminum Sections for Doors/Windows Hallminum Sections for Doors/Windows Century, Greenply, Marino Adhesive for tiles fixing ArdexAndura, MRF Heltich, Dorma, Doorset, Ozone as approved by consultant Supreme industries, Softex industries pvt.ltd. Benga bitumen Amas shutter.co., Akash shutter, Olympic rolling shutters White Cement putti Birla white cement, J K Wall putti Classic marble company, jayantilal& sons or as approved by consultants Downelling and rebarring White Cement putti Birla white cement, J K Wall putti Classic marble company, jayantilal& sons or as approved by consultants Downelling and rebarring Dorma, Ozone Johnson, Somani, Asian, Or as approved by consultants Dorma, Ozone Johnson, Somani, Asian, or as approved by consultants Aluminum sapproved by consultants As per specification & as approved by Consultant/Client As per specification & as approved by Consultant/Client Century, Greenply, Marino Century, Greenply, Marino Century, Greenply, Marino Syntex or as approved by Consultant/Client Chlorophyriphos or materials as approved by Consultants Chlorophyriphos or materials as approved by Consultants Supreme industries, Softex industries pvt.ltd. Benga b	1.	Cement –SRC	Ultratech, Ambuja, Siddhi ,Wonder Cement, NIRMAX
Krishna Concare, Pidillite, Fosroc, Roffe, CICO or equivalent Ironite', 'Ferrok', 'Hardonate'or equivalent Jotun, Asian Paints, ICI Dulux Red Oxide (For IPS Flooring) Premium Quality Weather proof paint: Exterior Glass/ Structural Glass Ceramic Tiles Coramic Tiles Note: Vitrified Tiles shall have to be whole body homogenous & Matt finish) Stone Mirror polished kota, Machine cut river polished granite, as approved by Consultant. Aluminum Sections for Doors/Windows Aluminum Sections for Doors/Windows Flak Wood Century, Greenply, Marino Century, Greenply, Marino Anti termite materials Chlorophyriphos or materials as approved by Consultant (Client ArdexAndura, MRF) Hardware Adhesive for tiles fixing ArdexAndura, MRF Heltich, Dorma, Doorset, Ozone as approved by Consultant Supreme industries, Softex industries pvt.ltd. Benga bitumen Aluming and rebarring Hilti system or Equivalent as approved by consultant Classic marble company, jayantilal& sons or as approved by consultant Classic marble company, jayantilal& sons or as approved by consultant Classic marble company, jayantilal& sons or as approved by consultant Classic marble company, jayantilal& sons or as approved by consultant Classic marble company, jayantilal& sons or as approved by consultant Classic marble company, jayantilal& sons or as approved by consultant Classic marble company, jayantilal& sons or as approved by consultant Classic marble company, jayantilal& sons or as approved by consultant Classic marble company, jayantilal& sons or as approved by consultants Dowelling and rebarring Hilti system or Equivalent as approved by consultant Classic marble company, jayantilal& sons or as approved by consultant Classic marble company, jayantilal& sons or as approved by consultants Dowelling and rebarring Hilti system or Equivalent as approved by consultants Dowelling and rebarring Hilti system or Equivalent as approved by consultants Dowelling and rebarring Hilti system or Equivalent as approved by consultants Dowe	2.	Reinforcement Steel-Fe 500 SRS	Tata-Tiscon, Vizag, SAIL, Essar, Electro TMT, ASR
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Exterior 9. Glass/ Structural Glass 10. Ceramic Tiles 11. Vitrified Tiles (Note: Vitrified Tiles shall have to be whole body homogenous & Matt finish) 12. Stone 13. Water proofing Membrane type 14. Aluminum Sections for Doors/Windows 15. Teak Wood 16. Ply Wood 17. Marine ply 18. PVC Tank 19. Anti termite materials 19. Anti termite materials 19. Adhesive for tiles fixing 20. Adhesive for tiles fixing 21. Hardware 22. Expansion joint sil flex(cap cell HD 100) 23. Rolling shutters 24. Dowelling and rebarring 25. White Cement putti 26. Quartz manufacturer 27. Stainless steel railing 28. Structural and spider glazing 29. Glass railing 20. Cuphon John Sunday, Merino Structural and spider glazing 20. Quoted partition system for restroom 21. Sterior Texture 22. Expox paint 23. Rolling shutters 24. Dove lain and the sunday and the sunday and spiroved by consultant 29. Glass railing 20. Qozone pvt.ltd., Kitch or as approved by consultants 21. Sterior Texture 22. Expox paint 23. Rollong partition system for restroom 24. Dove partition system for restroom 25. Merior Bosco.co. or as approved by consultants 26. Cuptury and spider glazing 27. Sterior Texture 28. Sterior Texture 39. Merior-Bosco.co. or as approved by consultants 30. Cubical partition system for restroom 31. Exterior Texture 30. Nerolac, Shalimar, Cico, Dubond, Berger, Asian	7.	Red Oxide (For IPS Flooring)	'Shalimar', 'Garware'or equivalent,
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Classic marble company, jayantilal& sons or as approved by consultant Z7. Stainless steel railing Z8. Structural and spider glazing Z9. Glass railing Cubical partition system for restroom Z9. Exterior Texture Classic marble company, jayantilal& sons or as approved by consultants Dozone, Kitch, Orbit or as approved by consultants Dorma, Ozone Ozone pvt.ltd., Kitch or as approved by consultants Merino-Bosco.co. or as approved by consultants JotunUltraTEX, Asian- duracast Nerolac, Shalimar, Cico, Dubond, Berger, Asian	24.	Dowelling and rebarring	Hilti system or Equivalent as approved by consultant
approved by consultant Ozone, Kitch, Orbit or as approved by consultants Dorma, Ozone Glass railing Ozone pvt.ltd., Kitch or as approved by consultants Cubical partition system for restroom Merino-Bosco.co. or as approved by consultants Letterior Texture JotunUltraTEX, Asian- duracast Nerolac, Shalimar, Cico, Dubond, Berger, Asian			
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28. Structural and spider glazing 29. Glass railing 30. Cubical partition system for restroom 31. Exterior Texture 32. Epoxy paint Dorma, Ozone Dorma, Ozone Dorma, Ozone Dorma, Ozone Dorma, Ozone Merino-Bosco.co. or as approved by consultants JotunUltraTEX, Asian- duracast Nerolac, Shalimar, Cico, Dubond, Berger, Asian	27.	Stainless steel railing	
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30. Cubical partition system for restroom 31. Exterior Texture 32. Epoxy paint Merino-Bosco.co. or as approved by consultants JotunUltraTEX, Asian- duracast Nerolac, Shalimar, Cico, Dubond, Berger, Asian	29.	Glass railing	Ozone pvt.ltd., Kitch or as approved by consultants
31. Exterior Texture JotunUltraTEX, Asian- duracast 32. Epoxy paint Nerolac, Shalimar, Cico, Dubond, Berger, Asian			
	32.	Epoxy paint	Nerolac, Shalimar, Cico, Dubond, Berger, Asian
		Multi-cell Polycarbonate Sheet	Danpalon, DPI Daylighting, Tuflight, Coxwell

LIST OF APPROVED PLUMBING MATERIALS / BRANDS FOR BUILDING WORKS

Sr. No.	Item	Approved Make
1	SWR PVC PIPE & FITTINGS 6 KG CM ² ; FITTINGS : 6 KG CM ²	FINOLEX /PRINCE SUPREME/ ASTRAL
2	ECO. DRAIN PIPE & FITTINGS	·
2	GULLY TRAP	GIRCO / TIRUMALA / SUPREME/ ASTRAL
3	RCC HUME PIPES EXTERNAL MAIN UNDER GROUND PIPE	INDIAN HUME PIPE / PRANALI
5	C.I. PIPE & FITTINGS	NICO OR EQ.
6	PPR PIPES & PPR FITTINGS	SUREME/PRINCE/
7	M.S/G.I. PIPES FOR WATER SUPPLY	TATA / JINDAL/ SWASTIK
8	ASTM/CPVC PIPE & FITTINGS FOR WATER SUPPLY	ASTRAL / SUPREME/ASHIRWAD /
9	COMPOSITE PLUMBING PIPE & COMPOSITE FITTINGS	KITEC OR EQ.
10	G.I. PIPES FITTINGS WATER SUPPLY	DRP-M / R-BRAND / ZOLOTO
11	GI TO GI JOINTS	CHAMPION / EQUIVALENT
12	SOLVENT CEMENT	SUPREME / KISSAN / FINOLEX
13	BALL VALVES	LEADER / ZOLOTO / AUDCO
14	WHEEL VALVES	LEADER / ZOLOTO/AUDCO
15	DCV / NRV	ZOLOTO/SPIREX/AUDCO
16	TAR	SHALIBIND / TIKIBOND-BS
17	SELF PRIMING SEWAGE PUMPS	HBD / GRUNDFOS
18	VALVES	AUDCO/ZOLOTO / R.B. / KBL / KSB
19	PUMPS	KIRLOSKAR / GRUNDFOSS/
20	STARTER	SIEMENS / L&T
21	PRESSURE GAUGE	BELLS / H GURU
22	BOTTLE TRAP & WASTE COUPLING	GROHE / JAQUAR / KOHLER
23	DEWATERING PUMPS	GROUNDFOSS/KIRLOSKAR/ KSB
24	HYDROPNEUMATIC SYSTEM	GRUNDFOSS OR EQUIVALENT
25	SANITARY FIXTURES	HINDWARE / PARRYWARE / CERA /KOHLER
26	PLUMBING FITTING	GROHE / JAQUAR / KOHLER or as approved by consultants.
27	METALLIC BELLOWS	BELLOW FLEX / PRICISION / DHRUV / B.D. ENGR.
28	R.O.PLANT	ION EXCHANGE /POWER H20 / THERMAX
29	SOFTENER PLANT	ION EXCHANGE /POWER H20 / THERMAX
30	SOLAR SYSTEM	SOAHEART/RACOLD/TATA-BP
31	ELECTRIC GEYSER	A-O SMITH/ RACOLD/SPHERHOT
32	HOT WATER GENERATOR	THERMAX/A.O.SMITH / KEPL/ BENCHMARK OR EQUIVALNET
33	SEWAGE TREATMENT PLANT	THERMAX / ION EXCAHNGE / EQUIVALNET

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LIST OF APPROVED ELECTRICAL MATERIALS / BRANDS FOR BUILDING WORKS

<u>SR</u>	<u>ITEM</u>	APPROVED MAKE
NO.		
1	Capacitor (APP / Heavy duty type)	Havells, Epcos, Subodhn, Schneider, Matrix
2	Main Cables Upto 185 Sq.mm	XLPE armoured cable for 1.1 KV Polycab, Havells, RR Kabel, Avocab
<u>3</u>	Main Cables Above 185 Sq.mm	XLPE armoured cable for 1.1 KV Polycab, Havells, RR Kabel, Avocab,
4	Glands	Double Compression type, Siemens type with rubber ring and double washers. – Comet, Standard Metal Industries
<u>5</u>	Distribution Boards	Legrand, Schneider, MK, Mitsubishi
<u>6</u>	MCBs	Legrand-DX3, MK, Schneider, Mitsubishi
7	МССВ	Legraand DPX/DPX ³ , Schenider NSX, Mitsubishi
8	ACB (Should have inbuilt power metering)	Legrand DMX ³ (MP4 release), Schenider Masterpact (NT relese), Mitsubishi
9	Switches & Its accessories	MK Blenze, Legrand Myris, Schenider Zenselo,
<u>10</u>	Flexible Wires (FRLS)	Polycab, Havells, Lapp INFRA
<u>11</u>	Light Fixtures	Lighting Technology, Crompton , Ensave – Approved model only by consultant
<u>12</u>	Chemical type earthing	Erico, Rapid, Doksun, Greenwire
<u>13</u>	Cat-6	Legrand, Schneider, D-link, Havells
<u>14</u>	Meter (Digital)	Elmeasure, Legrand, SEMS, Conzerv, HPL
<u>15</u>	PVC PIPE & Accessories	1.6-1.8 mm wall thickness ISI & FIA approved & manufactured from virgin4 material. Precision plastic industries, Polycab, Nihir, Vraj
<u>16</u>	Raceway	MK, Legrand
<u>17</u>	Lightening Arrestor	Rapid, Doksun
<u>18</u>	PA System / Music System	Stone Water, JBL, Austrailian Monitor, TOA, Tennoy
<u>19</u>	CCTV	HONEYWELL/ BOSCH/ AXIS / VIVOTEK

<u>20</u>	Fire Alarm System	Honeywell-notifier, Pelco, Siemens
<u>21</u>	Projector	Epson, Sony, Panasonic
<u>22</u>	Panel Vendor	Active Engineers, Swati switchgear, Dynamic Control
<u>23</u>	Indoor Wireless Access Points	Hp / Cisco / Juniper
<u>24</u>	Rack With Accessories	Apw/Rittal/Netrack
<u>25</u>	Cable Manager	Apw/Rittal/Netrack
<u>26</u>	6 Core Single Mode Multitube Fiber Cable ArmouredLszh	Molex / Tyco / Legrand
<u>27</u>	24 Port Fiber Liu Loded - Single Mode	Molex / Tyco / Legrand
<u>28</u>	Layer 2 Fully Managed Networking Switch	Hp / Cisco / Juniper
<u>29</u>	Ups	Emersion / Apc / Eaton

Consultant/Client is ask to choose any make from above. Any other item which has not mention in make list, consultant/Engineer-in-charge is final authority to suggest.

LIST OF APPROVED MAKES FOR INTERIOR WORKS

Sr.	Component	Approved Make
No.		
1	Float Glass	Modi Guard/Indoasahi/ Saint Gobain
2	Resin Based Adhesive	Fevicol/Vamicol/Blue Court
3	Pin Up Board	Sintatex/Alkosign
4	Ss/Chrome Coated Hardware	Ebco/Dorest/Arkay
5	Laminate	Formica/Decolam/Merino
		Green Lam/Asis/Sunmica
6	Veneer	Green/Century/Natural
7	Aluminium Alloy Extruded	Hindalco/Indalco
	Section	
8	Post Form Board	Merino/Formica/Sunmica
9	Locks	Godrej/Dorset
10	Pivots, Handle Bars Etc	Dorma/Dorest
11	Pre Laminated Particle Board	Novapan/Kitlam/Merino
12	Plain False Ceiling	Gyproc (Saint Gobin) Or As Approved By
		Consultant Gyp Steel Ultra-With Company
		Section/Specifications Only It Shall Be Executed
		By Company's Authorized Applicator &
		Certificate From The Company Shall Be
		Attached With Final Bill.
13	Grid False Ceiling	Armstrong, Gyproc (Saint Gobin) Or As
		Approved By Consultant With Company section
		/ Specifications Only- Itshall Be Executed By
		Companys authorised Applicator & Certificate
		From The Company shall Be Attached With Final
		Bill
14	Acoustic Panelling With	Armstrong Or As Approved By Consultant With
	Fabric Finish	Company section / Specifications Only- It Shall
		Be Executed By Company's Authorized
		Applicator & Certificate From The Company
		Shall Be Attached With Final Bill.
15	Acoustic Paneling With	Armstrong Or As Approved By Consultant With
	Laminate Finish	Company section / Specifications Only- It Shall

		Be Executed By Company's Authorized
		Applicator & Certificate From The Company
		Shall Be Attached With Final Bill.
16	Wood-External Wood	Steam Beach, Teak Wood Or As
		Approved By Consultant 1st
		Quality Imported 95% In Even Color Without
		Knots, Joints & Bend Wood.
17	Wood-Internal Wood	Marandi 1st Quality Imported 95% In Even
		Color Without Knots, Joints & Bend Wood. Or
		As Approved By Consultant
18	Molding/Bending	Steam Beach, Teak Wood Or As
		Approved By Consultant 1 st
		Quality Imported 95% In Even Color Without
		Knots, Joints & Bend Wood.
19	Ply Woods & Block Board	
A.	Block Board	Samrat/Century / Green/
		Sainek/Arched Classic Ply
B.	Ply Wood	Samrat/Century/ Green/
		Sainek/Arched Classic Ply
20	Adhesives	Synthetic Resistant Adhesives /
		Fevicol Sh.
21	Floor Spring	Ozon / Godrej Or Equivalent
22	Door Stop	E.G / Ebco Or Equivalent
23	Hinges	Gurg Ss Finish / Aucto Closing Heavy Duty
		Approved By Architect.
24	Stoppers	Orbit / Ebco Or Equivalent
25	Drawer Chanel	Ebco / Hettich / Inox Or
		Equivalent
26	Door Closer	Godrej / Ozone Orequivalent
27	Screw	Rk / Gkw / Nettle Fold Orequivalent
28	Finish	
A.	Polish	Asian Melamine/Mrf Melamine
В.	Paints	Asian Paints/Ici/Nerolac
29	Rollar Blind	Vista/Arolex/Marvel

30	Carpet	Unitex/Rosetta/Bajaj
31	PVC Flooring	Wonder Floor/Poly Floor/Tusker
32	Vinyl Flooring	LG / Armstrong / Soli Brite
33	Wooden Flooring	Pergo/ Euro / Vista/ LG /United/ Armstrong
34	Ss Plate For Name Plate	304 Grade Brush Finish
35	Powder Coating	15 Micron As Per Selection
36	Bathroom Cubicals	SS Series - Merino-bosco, Greenlam, Metalium

SPECIAL NOTE: Contractors intending to supply other makes of materials than the ones listed above shall indicated clearly the makes in their offers highlighting the salient features and advantages of that make supported by catalogues. The right of accepting such makes rests with the consultants.

LIST OF APPROVED MAKES FOR HVAC EQUIPMENT & MATERIALS

Equipment / Materials	Manufacturer's Name
Variable Refrigerant Volume/Flow system	Daikin/Mitsubishi/Toshiba/Blue star/ O 'General'
Air Handling Units	Citizen/Edgetech /Nutech/VTS/Zeco/ Ethos
Ventilation Fans	Kruger/ Nicotra / Systemair/ebm-Nadi
G.I.Sheets for ducting	SAIL/Tata/Jindal/Essar
Grilles &Diffusers	Ravistar/Airmaster/Airproduct /Cosmos/Dynacraft
Fire Dampers	Carryaire/Systemair / Ajanta/Ravistar
Expanded Polystyrene	Beardsell/Thermowell/Thermopack /Cooline
Fibre glass material	UP Twiga/KIMMCO /Owvenscornings
Closed cell elastomeric nitrile rubber	Armaflex/A-flex/K-flex/Superion
Copper pipe	Mandev/Rajco/Totaline/Maxflow
MCCB	ABB/GE/L&T/MDS Legrand/Schnider/Siemens
МСВ	ABB/GE/Schneider(MG) /Hager-L&T /MDS Legrand
Contactors, Overload relay	Schneider(MG) /GE /L&T/Simens/ABB
Motors	Kirloskar/CromptonGreaves/Bharat Bijlee /NGEF/ABB
Selector Switches	Kaycee /Tecnic
Current transformers	TELK/Kappa/Indcoil
Metering Instruments -Digital	ABB/EI /IME/L&T/Secure/Nippen/Schneider
Indicating lamps & Push Button	GE/Schneider/ Teknik/L&T/Altos
Cables	Polycab/Universal/Gloster/RR/Finolex/Nicco/Torrent
Controls	Honeywell/Sauter/Johnson/ Siemens/TAC/Trane
Vibration isolators	Dunlop/AVM/Ferolastic/Resistoflex
Air curtain	ACME/Tristar/NEC/R-Tek
Propeller fan	GEC/Khaitan

LIST OF APPROVED MAKES FOR FIRE FIGHTING EQUIPMENT & MATERIALS

EQUIPMENT/ MATERIALS	MANUFACTURER'S NAME
FIRE EXTINGUISHER, HOSE PIPE, GUN	SAFEX, MINIMAX, KANEX OR EQUIVELENT
METAL BRANCH PIPE, FIRST AID FIRE	
HOSE REEL, FIRE HOSE CABINET	
211112	
PUMPS	PRECESSION, KIRLOSKAR, WILLO
ELECTRICAL PANEL	STANDARD FABRICATION.CPRI APPROVED
PRESSURE GUAGE	FIEBIG,HGURU, BUMER EQUIVELENT
FRESSORE GOAGE	FILBIG, IIGONO, BOIVIEN EQUIVELENT
PRESSURE SWITCHES	INDOFOSS, DENFOSS
FARRICATION (COLLARS DECTANCIS	LINDAL TATA ACIANI
FABRICATION (SQUARE, RECTANGLE,	JINDAL, TATA, ASIAN
CIRCULAR PIPES AND PLATES ETC)	
VALVE	AUDCO, INTERVALVE,SARKA, ZOLOTO
AIR RELEASE VALVE	SANT, ZOLOTO, LEADER
SIGNAGE'S	PROLITE, EVECAB

The successful tenderer shall have to use the makes from above only after approval of client consultant

Consultant/Client is ask to choose any make from above. Any other item which has not mention in make list, consultant/Engineer-in-charge is final authority to suggest.

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