

Richardson cost data



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The Richardson knowledgebase is the most complete set of cost data for chemical plants, manufacturing facilities, solid processing, and water treatment plants. The broad range of information in the Richardson knowledgebase will allow you to estimate any size of project. Cost Data Online, the organization behind Richardson has over 47 years of experience gathering cost data through continual market research and market monitoring. This means that you can rest assured that all items in the Richardson knowledgebase are of high quality.

All projects you are looking for can be covered easily from the information available from this knowledgebase. To experience the full extend of this knowledgebase, please contact the Cost Engineering offices for a demonstration of the knowledgebase in Cleopatra Enterprise.

“ World class data for worldwide projects ”

The screenshot displays the 'Richardson' knowledgebase structure within the Cleopatra Enterprise software. The interface shows a 'Content structure' pane on the left with a tree view of categories like 'Level 3', 'DOORS AND WINDOWS', 'ELECTRICAL', etc. The main window shows a list of building cost items with columns for Description, Unit, Cost, Labour hours, Rental hours, Labour description, Labour rate, and Quantity calculator.

Description	Unit	Cost	Labour hours	Rental hours	Labour description	Labour rate	Quantity calculator
TYPE 1 CUSTOM RESIDENTIAL SQUARE FOOT BUILDING COST	SF	137.00	0.00	0.00			
TYPE 2 CUSTOM RESIDENTIAL SQUARE FOOT BUILDING COST	SF	179.00	0.00	0.00			
TYPE 1 TRACT RESIDENTIAL SQUARE FOOT BUILDING COST	SF	122.00	0.00	0.00			
TYPE 2 TRACT RESIDENTIAL SQUARE FOOT BUILDING COST	SF	132.00	0.00	0.00			
TYPE 1 APARTMENT - MULTIFAMILY SQUARE FOOT BUILDING COST	SF	128.00	0.00	0.00			
TYPE 2 APARTMENT - MULTIFAMILY SQUARE FOOT BUILDING COST	SF	139.00	0.00	0.00			
TYPE 3 APARTMENT - MULTIFAMILY SQUARE FOOT BUILDING COST	SF	175.00	0.00	0.00			
TYPE 1 AUDITORIUM SQUARE FOOT BUILDING COST	SF	187.00	0.00	0.00			
TYPE 2 AUDITORIUM SQUARE FOOT BUILDING COST	SF	195.00	0.00	0.00			
TYPE 3 AUDITORIUM SQUARE FOOT BUILDING COST	SF	264.00	0.00	0.00			
TYPE 1 BANK SQUARE FOOT BUILDING COST	SF	245.00	0.00	0.00			
TYPE 2 BANK SQUARE FOOT BUILDING COST	SF	262.00	0.00	0.00			
TYPE 3 BANK SQUARE FOOT BUILDING COST	SF	306.00	0.00	0.00			
TYPE 1 CHURCH SQUARE FOOT BUILDING COST	SF	137.00	0.00	0.00			
TYPE 2 CHURCH SQUARE FOOT BUILDING COST	SF	258.00	0.00	0.00			
TYPE 3 CHURCH SQUARE FOOT BUILDING COST	SF	364.00	0.00	0.00			
TYPE 1 ELEMENTARY SCHOOL CLASSROOM SQUARE FOOT BUILDING COST	SF	173.00	0.00	0.00			
TYPE 2 ELEMENTARY SCHOOL CLASSROOM SQUARE FOOT BUILDING COST	SF	175.00	0.00	0.00			
TYPE 3 ELEMENTARY SCHOOL CLASSROOM SQUARE FOOT BUILDING COST	SF	224.00	0.00	0.00			
TYPE 1 SHOPPING CENTER SQUARE FOOT BUILDING COST	SF	187.00	0.00	0.00			
TYPE 2 SHOPPING CENTER SQUARE FOOT BUILDING COST	SF	137.00	0.00	0.00			



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Knowledgebase Specifications

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Process Plant Construction Estimating:

Chapters:

- General notes and instructions, rental equipment and mensuration
- Site preparation, earthwork, foundation piling and site utilities
- Concrete foundations, columns, slabs, walls, tilt-up walls, pile caps, precast tees, hollow core slabs, grouting and embossing
- Concrete block masonry, brick, stone, marble and acid brick
- Structural steel, welding and metal buildings
- Rough and finish carpentry, framing, paneling, cabinetry and trim
- Thermal insulation, moisture protection, metal roofing and siding, roofing, flashing, roof hatches, skylights, caulking and sealants
- Wood and steel doors and frames, overhead doors and windows
- Finishes, steel studs, lath, plaster, fireproofing, terrazzo, tile, acoustical ceilings, hardwood flooring, carpet, painting, protective coatings, sandblasting and wall coverings
- Specialties, access flooring, partitions, elevators and escalators
- Air conditioning, heating, ventilation, service piping, process piping, plumbing, mechanical insulation, fire sprinklers and instrumentation
- Electrical, lighting, motor controls, power and instrument wiring

Process equipment:

- Belt conveyors and bucket elevators
- Size reduction equipment
- Dry material feeders
- Screens and classification equipment
- Dry material agitators, blenders, mixers
- Fans and blowers
- Dust collection equipment
- Liquid and liquid solid agitators, blenders, mixers
- Filters and liquid solid separation equipment
- Dryers and flakers
- Boilers, feedwater heaters, fired heaters and tank heating coils
- Heat exchangers, fuel oil heaters, evaporators, condensers, coolers
- Air and gas compressors, pulsation dampeners and air dryers
- Pumps
- Vacuum pumps and accessories
- ASME section VIII pressure vessels - pressure vessel fabrication
- Storage tanks
- Water treatment equipment
- Waste treating equipment
- Pollution detection, monitoring and measuring equipment
- Hoists, overhead type
- Scales
- 100-600 Generator Sets
- Electric motors
- Gearing products and couplings
- 100-700 Freight Rates For Process Equipment



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