

## Civil Engineering Construction Important Formulas

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### CIVIL FORMULAS - civil engineering

W is equal to  $(D^2 \times L) / 162$ . D denotes the bars' diameter. L denotes the steel bars' whole length wherefore the weight must be computed. Like for example, in instance of calculating 20 mm steel bars' weight, the computation is made as  $W = 20^2 / 162 = 2,466$  kg / meter.

### Important Formulas in Civil Engineering | Unit Weight of ...

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These formulas can be used in a wide array of construction projects and design applications which range from reinforced concrete, bridge construction, highway design etc. A formula refers to equation demonstrating one variable as an amalgamation of other variable(s) with the use of algebraic operations like add, subtract, multiply, divide, raise to a power, apply the natural logarithm as well as the cosine, or other mixture of operations.

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