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structural steel is specified in the design standard en 1991 1 1 table a 4 between 77 0 kn m 3 and 78 5 kn m 3 for structural design it is standard practice to consider the unit weight of structural steel equal to 78 5 kn m 3 and the density of structural steel approximately 7850 kg m 3 modulus of elasticity of

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