

Concrete Mix Design Ratio Table

Following is the table of concrete mix ratio design from Nominal to High-strength concrete:

Concrete Grade	Mix Ratio	Compressive strength in MPA(N/mm2)	Compressive strength in PSI
M5	1:5:10	5 Mpa	725 psi
M7.5	1:4:8	7.5 Mpa	1087 psi
M10	1:3:6	10 Mpa	1450 Psi
M15	1:2:4	15 Mpa	2175 Psi
M20	1:1.5:3	20 Mpa	2900 Psi

Nominal concrete Mix Design

Concrete Grade	Mix Ratio	Compressive strength in MPA(N/mm2)	Compressive strength in PSI
M25	1:1:2	25 Mpa	3625 psi
M30	Design Mix	30 Mpa	4350 psi
M35	Design Mix	35 Mpa	5075 psi
M40	Design Mix	40 Mpa	5800 psi
M45	Design Mix	45 Mpa	6525 psi

Standard concrete mix design

Concrete Grade	Mix Ratio	Compressive strength in MPA(N/mm2)	Compressive strength in PSI
M50	Design Mix	50 Mpa	7250 psi
M55	Design Mix	55 Mpa	7975 psi
M60	Design Mix	60 Mpa	8700 psi
M65	Design Mix	65 Mpa	9425 psi
M70	Design Mix	70 Mpa	10150 psi

High Strength Concrete Mix Design

