Compressive Strength of Concrete

Failure Pattern of Cube & Cylinder – Two Pyramid Failure - Ideal
Compressive Strength of Concrete

Failure Pattern of Cube – BS EN 12390-3 : 2002 - Ideal

NOTE
platens.  All four exposed faces are cracked approximately equally, generally with little damage to faces in contact with the

Figure 1 — Satisfactory failures of cube specimens
Compressive Strength of Concrete

Failure Pattern of Cube – BS EN 12390-3 : 2002 - Unsatisfactory

Figure 2 — Some unsatisfactory failures of cube specimens

NOTE: T - tensile crack
Compressive Strength of Concrete

Failure Pattern of Cylinder – BS EN 12390-3 : 2002 - Ideal

Figure 3 — Satisfactory failure of cylinder specimen
Compressive Strength of Concrete

Failure Pattern of Cylinder – BS EN 12390-3 : 2002 - Unsatisfactory

Figure 4 — Some unsatisfactory failures of cylinder specimens