ANNEX E

Push-off Test Data
Annex E

Specimen N1-P-S-1 (Plain NSC)

Figure E.1. Modes of Failure. Both sides of the same specimen.

Figure E.2. Stress-displacement responses
Push-off Test Data

Specimen N1-P-S-2 (Plain NSC)

Figure E.3. Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

Figure E.4. Stress-displacement responses
Specimen N1-P-S-3 (Plain NSC)

Figure E.5. Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

Figure E.6. Stress-displacement responses
Specimen N1-20-S-1 (NSC, 20 kg/m³ of steel fibers)

Figure E.7. Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

Figure E.8. Stress-displacement responses
Annex E

Specimen N1-20-S-2 (NSC, 20 kg/m³ of steel fibers)

**Figure E.9.** Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

**Figure E.10.** Stress-displacement responses
Specimen N1-20-S-3 (NSC, 20 kg/m³ of steel fibers)

Figure E.11. Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

Figure E.12. Stress-displacement responses
Annex E

Specimen N1-40-S-1 (NSC, 40 kg/m³ of steel fibers)

**Figure E.13.** Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

**Figure E.14.** Stress-displacement responses
Specimen N1-40-S-2 (NSC, 40 kg/m³ of steel fibers)

Figure E.15. Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

Figure E.16. Stress-displacement responses
Annex E

Specimen N1-40-S-3 (NSC, 40 kg/m$^3$ of steel fibers)

**Figure E.17.** Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

**Figure E.18.** Stress-displacement responses
Specimen N2-P-S-1 (Plain HSC)

Figure E.19. Stress-displacement responses
Specimen N2-P-S-2 (Plain HSC)

Figure E.20. Modes of Failure. Both sides of the same specimen.

Figure E.21. Stress-displacement responses
Specimen N2-P-S-3 (Plain HSC)

Figure E.22. Modes of failure. Both sides of the same specimen.

Figure E.23. Stress-displacement responses
Annex E

Specimen N2-20-S-1 (HSC, 20 kg/m³ of steel fibers)

Figure E.24. Modes of failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

Figure E.25. Stress-displacement responses
Specimen N2-20-S-2 (HSC, 20 kg/m³ of steel fibers)

**Figure E.26.** Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

**Figure E.27.** Stress-displacement responses
Specimen N2-20-S-3 (HSC, 20 kg/m³ of steel fibers)

**Figure E.28.** Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

**Figure E.29.** Stress-displacement responses
Specimen N2-40-S-1 (HSC, 40 kg/m³ of steel fibers)

Figure E.30. Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

Figure E.31. Stress-displacement responses
Annex E

Specimen N2-40-S-2 (HSC, 40 kg/m³ of steel fibers)

Figure E.32. Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

Figure E.33. Stress-displacement responses
Specimen N2-40-S-3 (HSC, 40 kg/m³ of steel fibers)

**Figure E.34.** Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

**Figure E.35.** Stress-displacement responses