
ANNEX E

Push-off Test Data

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



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

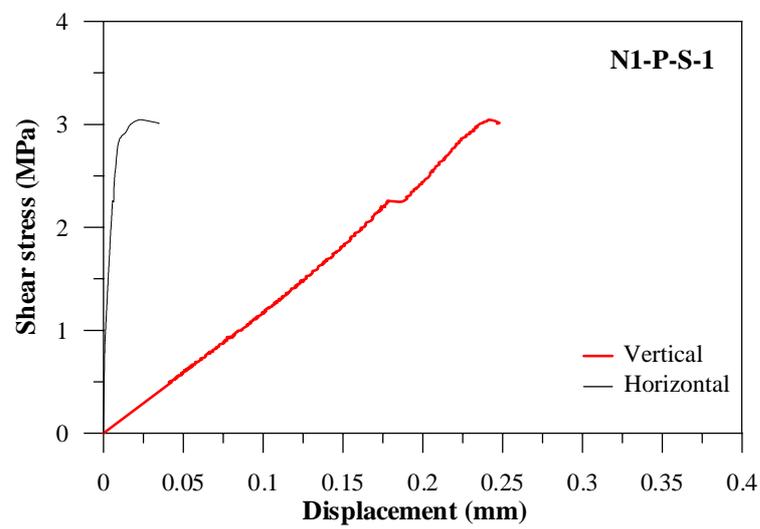


Figure E.2. Stress-displacement responses

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)

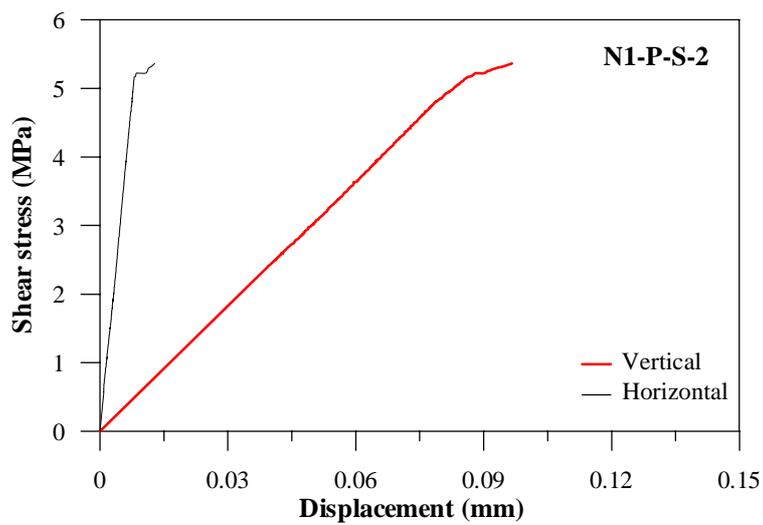


Figure E.4. Stress-displacement responses

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)

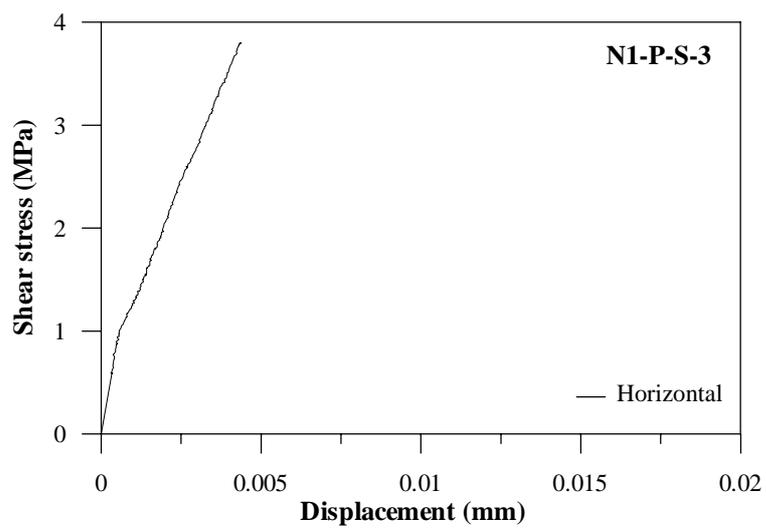


Figure E.6. Stress-displacement responses

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)

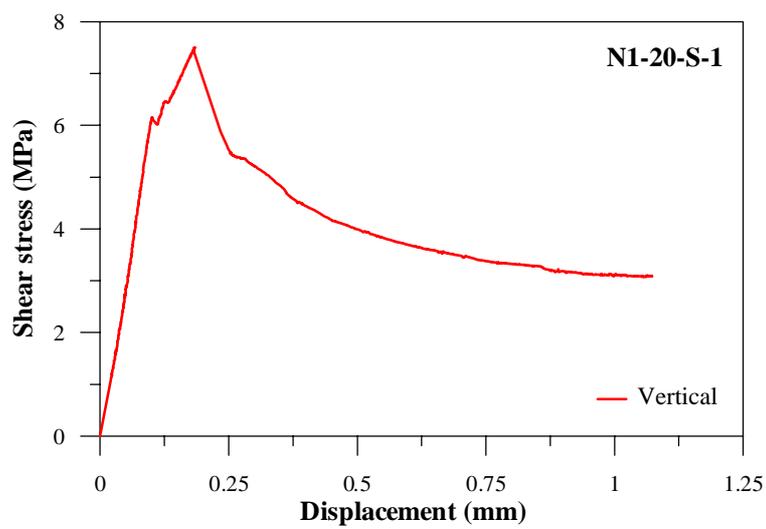


Figure E.8. Stress-displacement responses

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

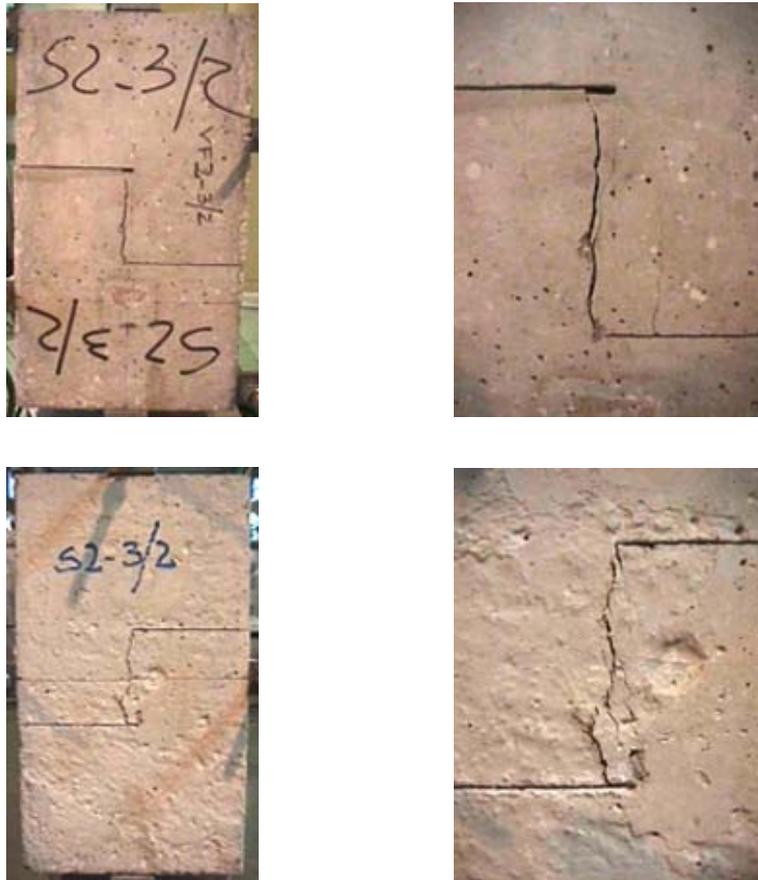


Figure E.9. Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

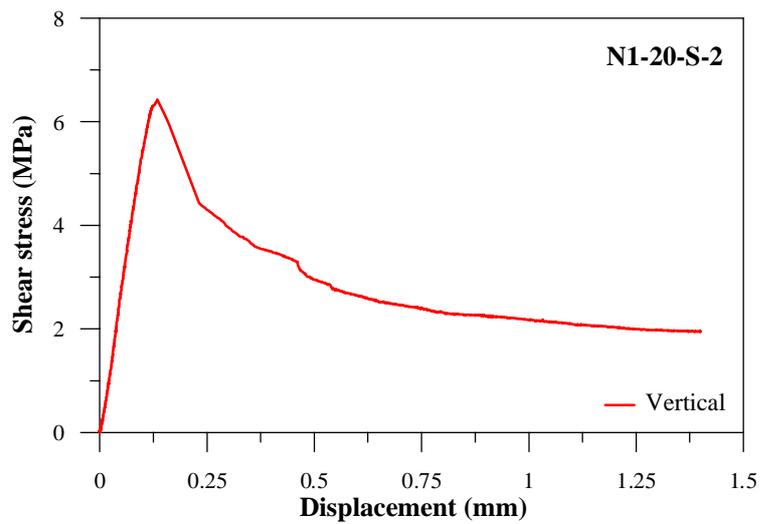


Figure E.10. Stress-displacement responses

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)

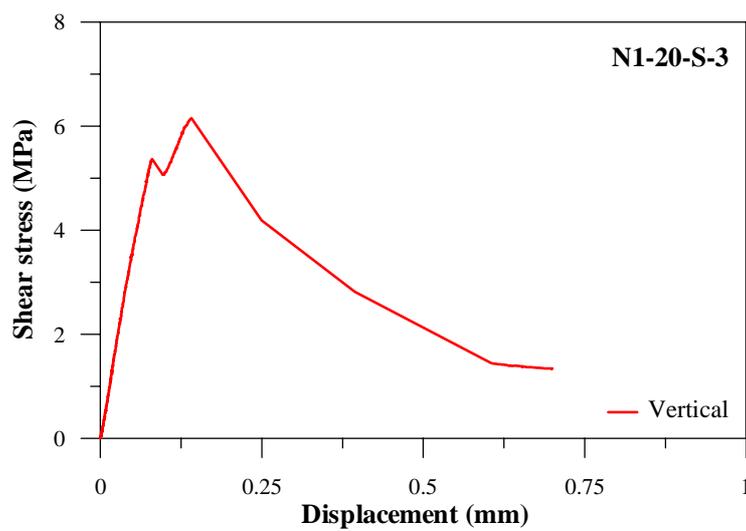


Figure E.12. Stress-displacement responses

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)

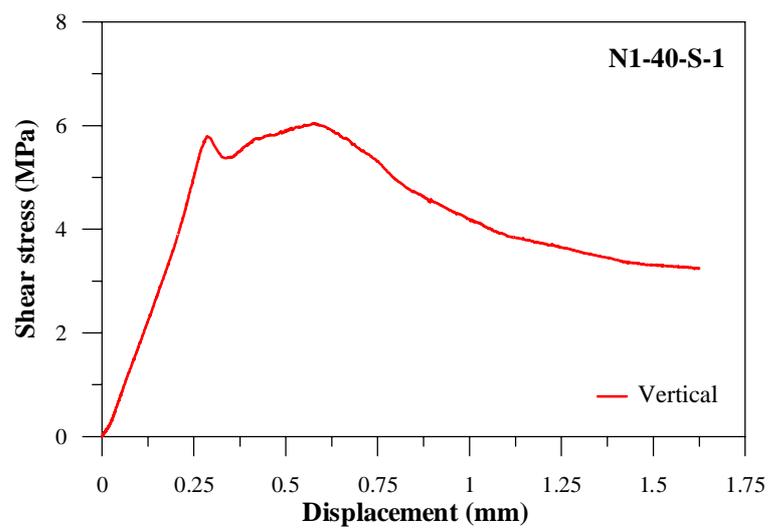


Figure E.14. Stress-displacement responses

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)

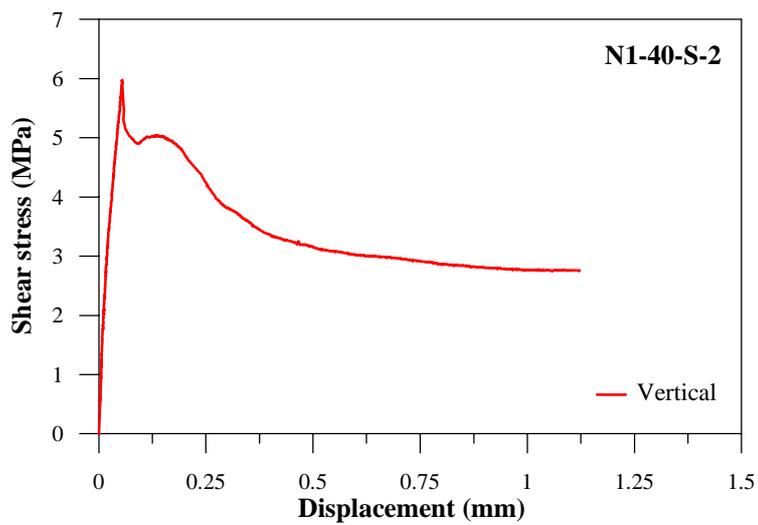


Figure E.16. Stress-displacement responses

Specimen N1-40-S-3 (NSC, 40 kg/m³ 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)

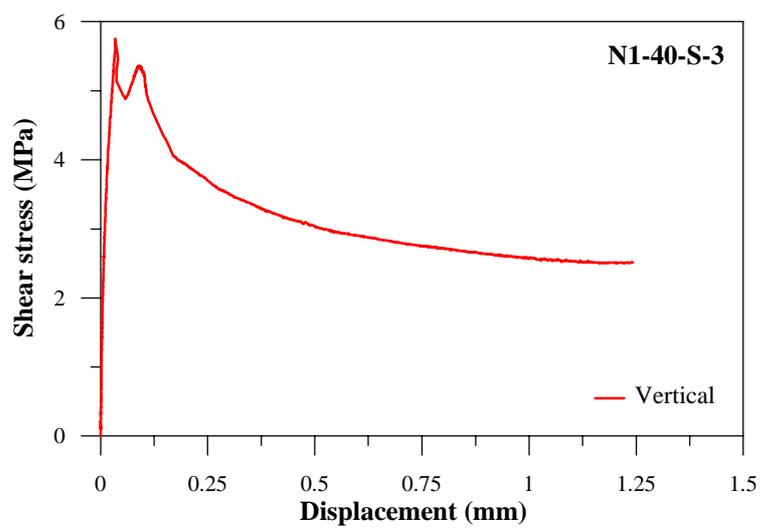


Figure E.18. Stress-displacement responses

Specimen N2-P-S-1 (Plain HSC)

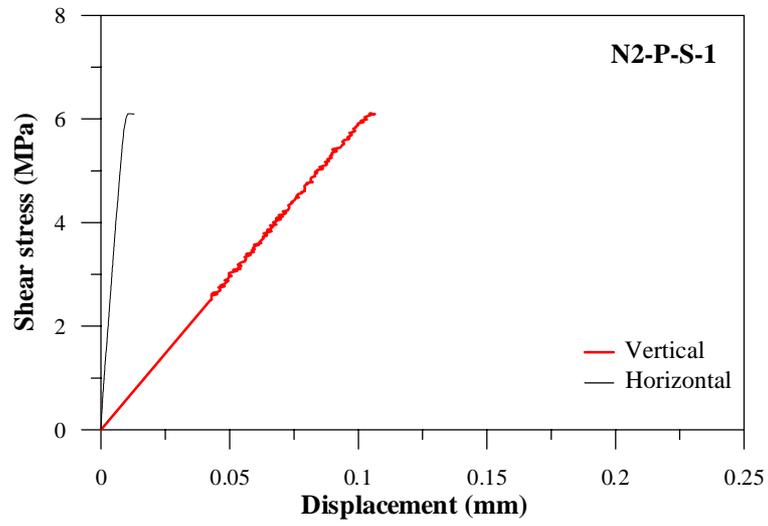


Figure E.19. Stress-displacement responses

Specimen N2-P-S-2 (Plain HSC)



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

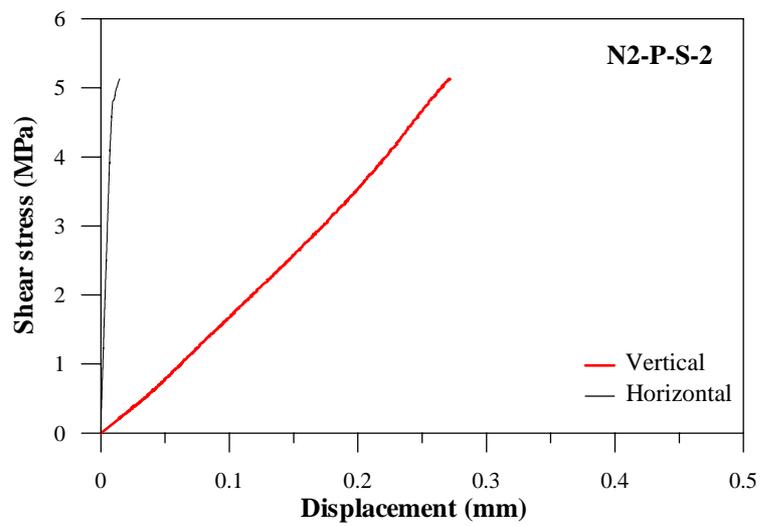


Figure E.21. Stress-displacement responses

Specimen N2-P-S-3 (Plain HSC)



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

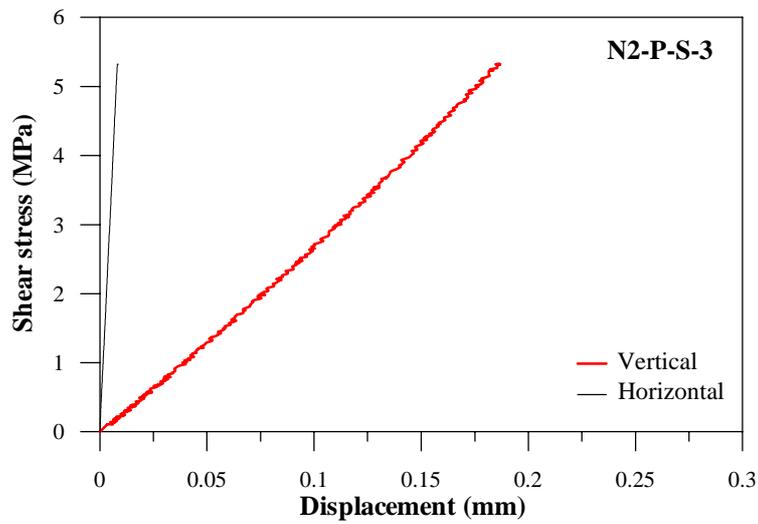


Figure E.23. Stress-displacement responses

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

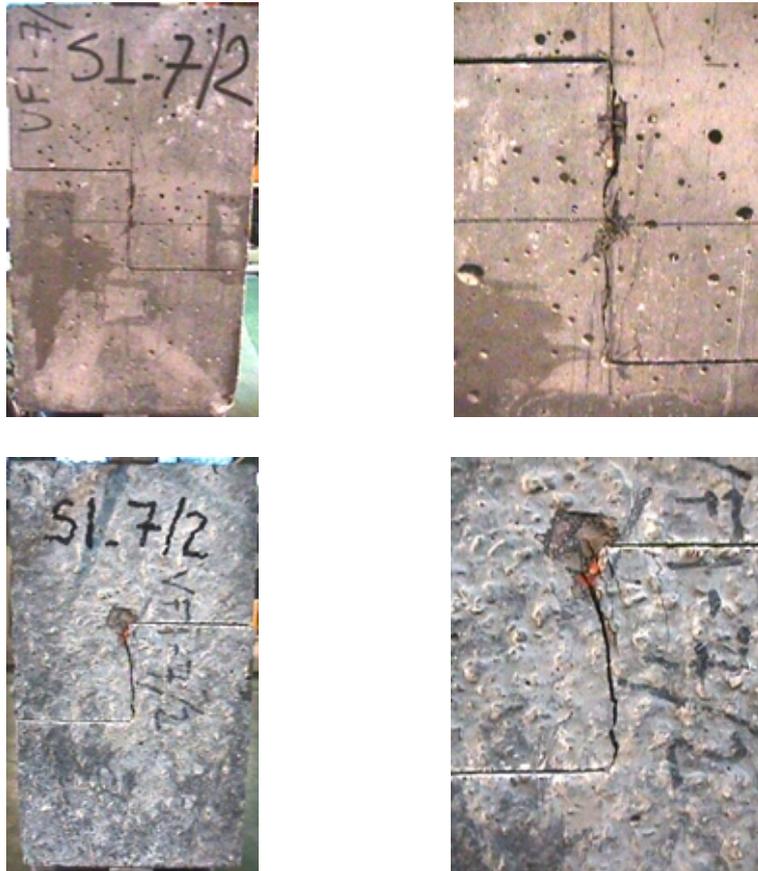


Figure E.24. Modes of failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

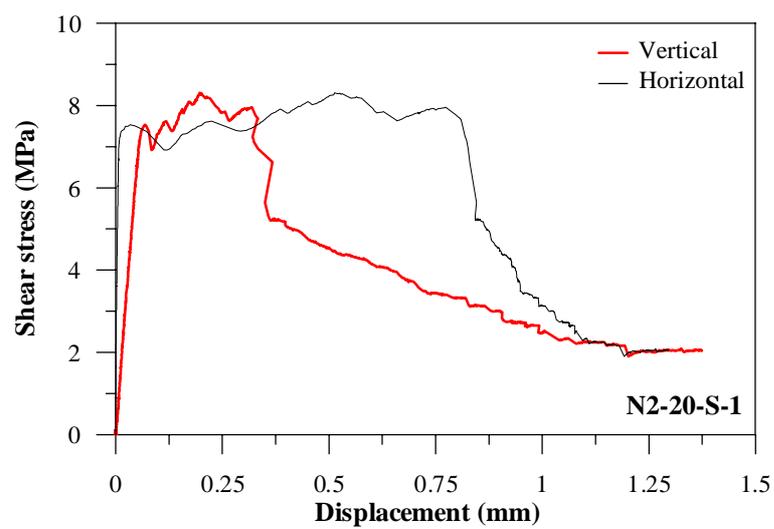


Figure E.25. Stress-displacement responses

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)

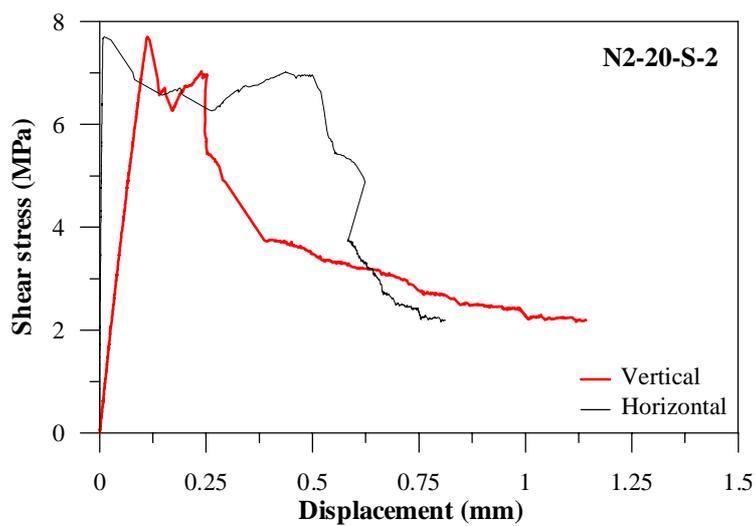


Figure E.27. Stress-displacement responses

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)

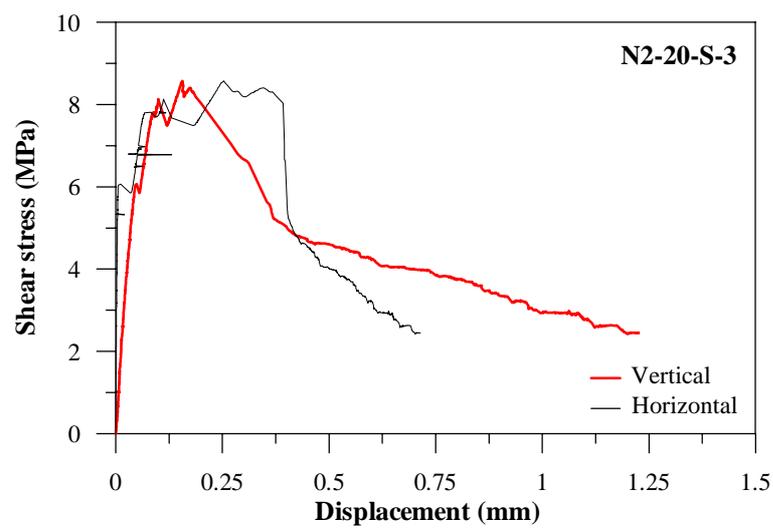


Figure E.29. Stress-displacement responses

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)

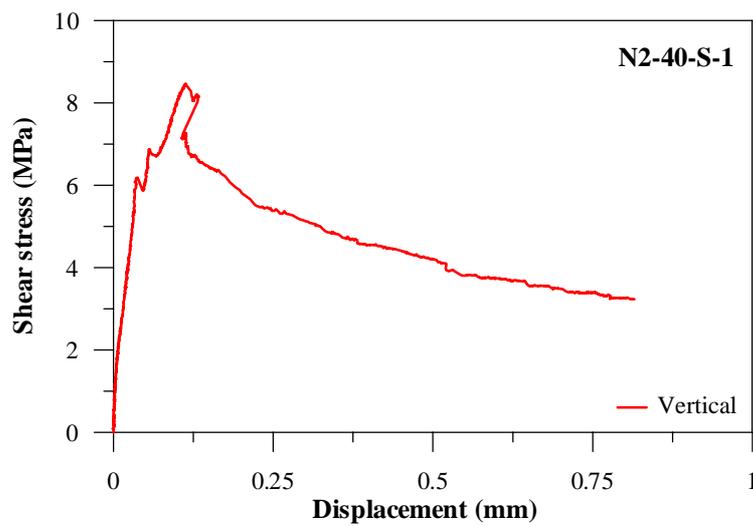


Figure E.31. Stress-displacement responses

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

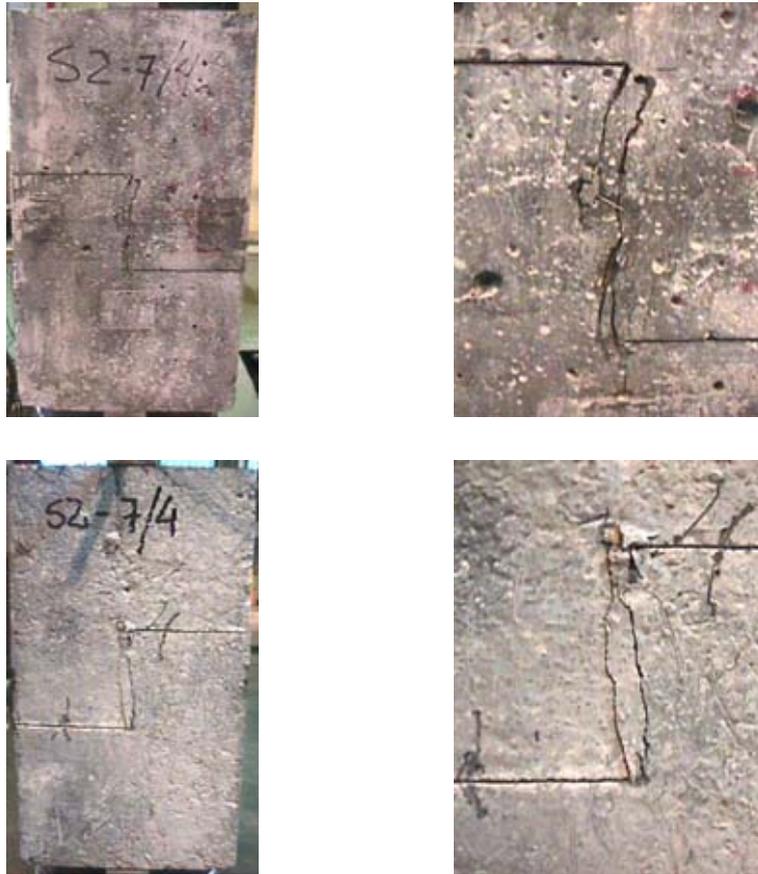


Figure E.32. Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

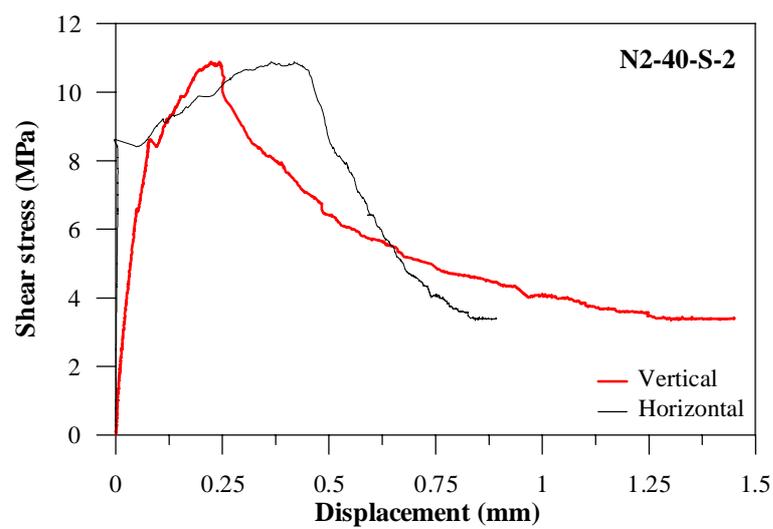


Figure E.33. Stress-displacement responses

Specimen N2-40-S-3 (HSC, 40 kg/m³ of steel fibers)

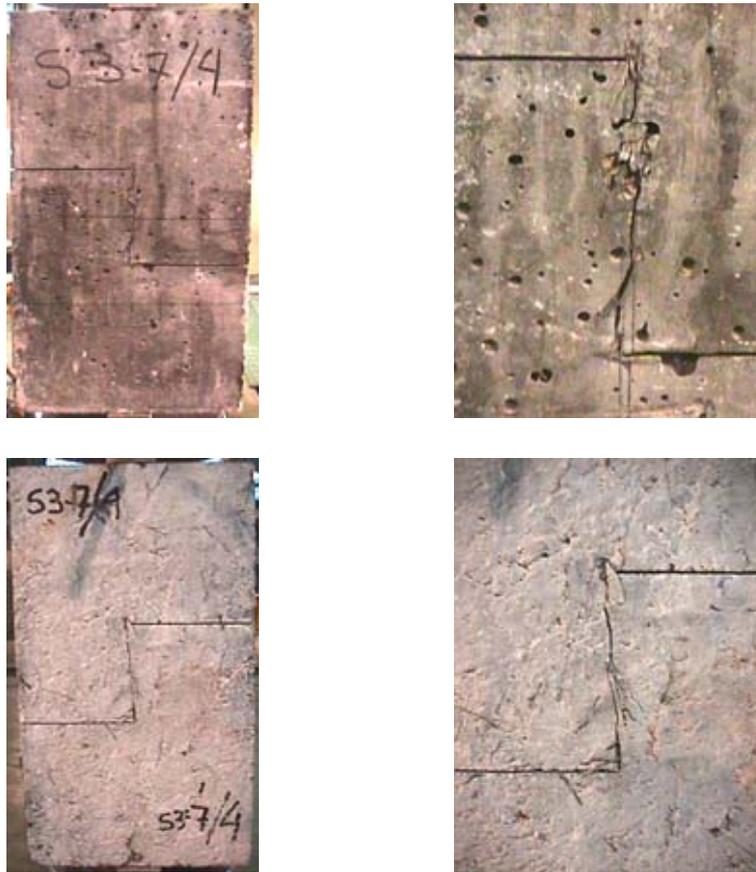


Figure E.34. Modes of Failure. Both sides of the same specimen (whole specimen on the right, failure zone on the left)

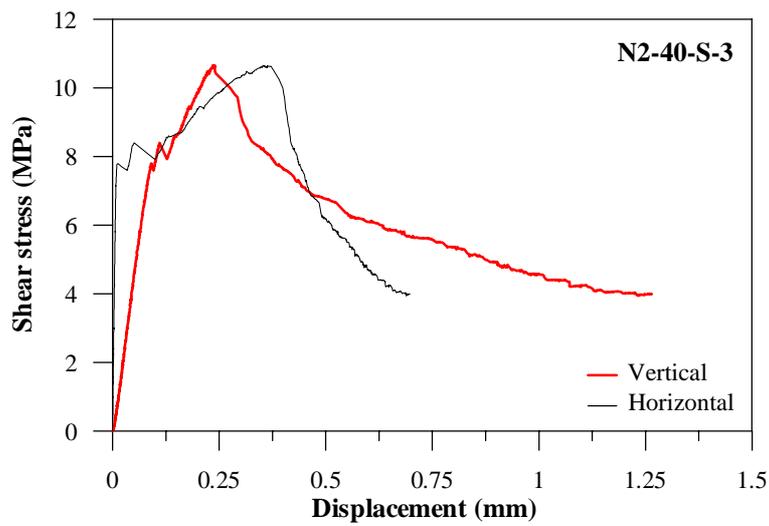


Figure E.35. Stress-displacement responses