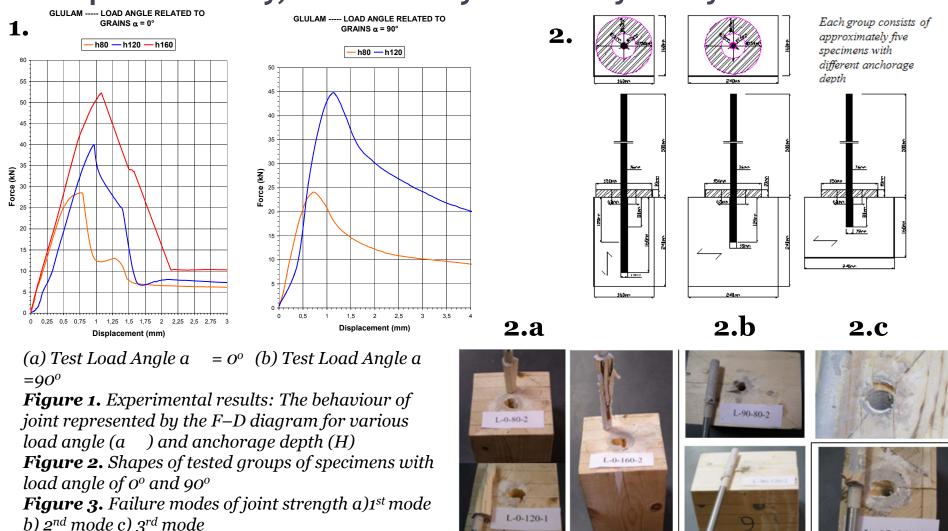


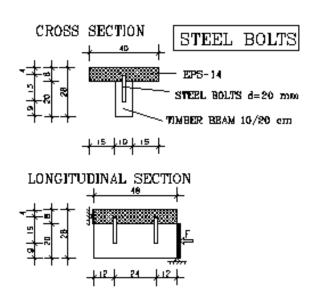
Prof.dr. Vlatka Rajčić, Str.Eng.



Comparison of the Pull - out Strength of Steel Threaded Bars Glued in GluLam elements Obtained Experimentally, Numerically and Analytically



CONTINUOUS SHEAR CONNECTING BETWEEN TIMBER AND LIGHTWEIGHT (EPS) CONCRETE



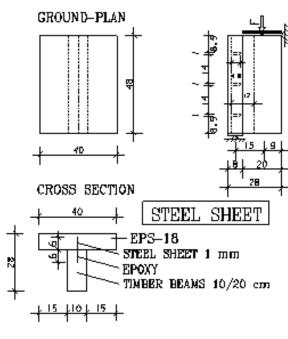


Figure 1. Types of shear connectors researched in this paper shown in shear test

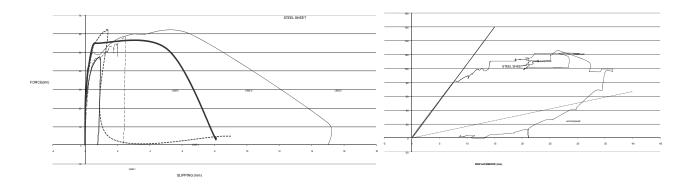
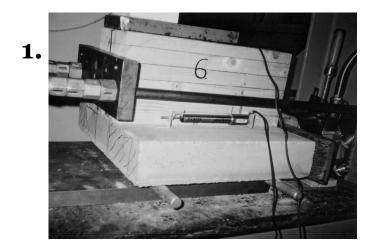


Figure 2. Force-slipping curve from shear tests for all researched type of shear

CONTINUOUS SHEAR CONNECTING BETWEEN TIMBER AND LIGHTWEIGHT (EPS) CONCRETE



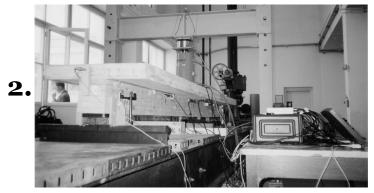


Figure 1. Photo of the shear test
Figure 2. Photo of the floor section with
measuring devices
Figure 3. Geometry of the composite floor
section

COMPOSITE GRIDER TIMBER-LIGHTWEIGHT
CONCRETE (EPS) —TIMBER GLUED "IN WET" WITH,
CONCRETE

CROSS SECTION

LIGHTWEIGHT CONCRETE (EPS)

LONGITUDINAL SECTION

EPOXY

LIGHTWEIGHT CONCRETE (EPS)

LONGITUDINAL SECTION

EPOXY

LIGHTWEIGHT CONCRETE (EPS)

LIGHTWEIGHT CONCRETE (EPS)

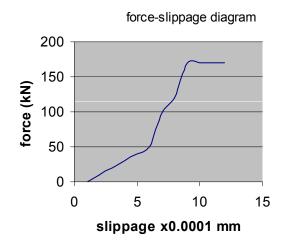


Figure 4. Force-slipping curve from shear tests