

Provider: Sika Corporation (US)

STRUCTURAL STRENGTHENING WITH FRP COMPOSITES (SIK 301)

Fiber reinforced polymers (FRP) are a proven technology for upgrading and strengthening concrete, masonry, timber and steel structures. These advanced composite materials have exceptionally high-strength yet are very lightweight and easy to install.

They are used for increasing the capacity of existing buildings, seismically upgrading bridges, correcting construction errors and allowing changes in use.

- Why structures need strengthening
- Composites strengthening vs. steel
- Typical field installation methods

Learning Units: 1LU/HSW