



Structural Strengthening with Carbon Fiber Strip

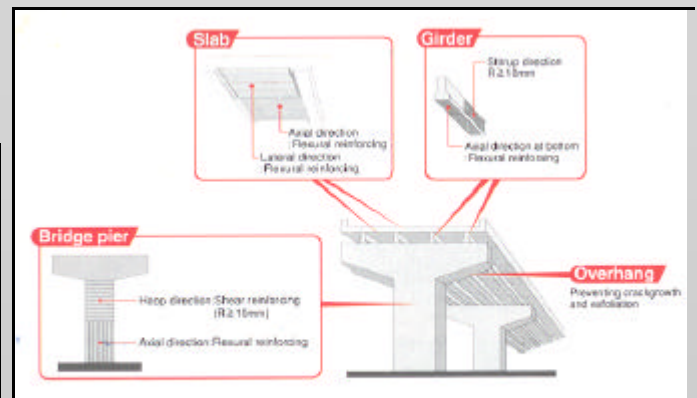
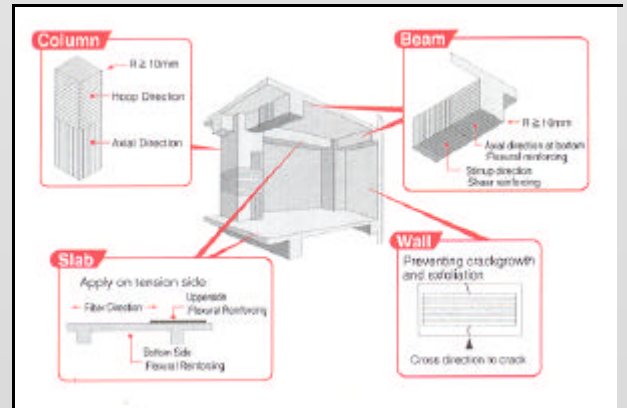
The use of Carbon Fiber Strips and rods in an epoxy laminate / epoxy bonded system offer many advantages for strengthening concrete and masonry. Carbon fiber laminates and rods, noted for their strength to cross section ratio, establish structural integrity in a manner similar to steel plate bonding to concrete surfaces.

However, carbon laminate systems offer many advantages over traditional steel plate bonding. Carbon Fiber Laminate and rod reinforcement systems are:-

- Extremely light weight
- Very high strength (tensile strength ten times that of steel)
- Very thin
- Flexible and easy to handle
- Unidirectional in application
- Simple to lap, joint and change direction
- Corrosion resistant
- Ideally suited to overhead working

In addition to restoring or enhancing structural capacity carbon fiber sheet and rapping systems also offer a very high degree of concrete protection.

Hammersmith, as approved applicators of the **Sika CarboDur** System are able to offer full design, supply and installation services



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