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FRP composites retrofitting for protection of monumental and ancient constructions (Review)

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Abstract

The paper presents a short review on some scientific literature developed in the field of protection of historical buildings made of masonry material through the adoption of Fiber Reinforced (FRP) Composites provisions. It mainly focuses on the wide production by the authors, started on the 80s about masonry constructions and then being continued on retrofitting of monumental constructions by means of FRP from late 90s up to now. © Fofl et al.; Licensee Bentham Open.

Author keywords

Ancient buildings; Composites; FRP; Masonry; Preservation; Retrofitting techniques

Indexed keywords

Ancient buildings; Fiber reinforced; FRP; FRP composite; Historical buildings; Masonry; Scientific literature
Engineering controlled terms: Composite materials; Historic preservation; Wood preservation
Engineering main heading: Retrofitting
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- Stability assessment of an historical masonry bridge through the LA kinematic theorem for NT structures Corbi, I., Corbi, O., Tropeano, F. (2018) International Journal of Mechanics
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