
Bond Strength of Injectable Adhesive Anchors

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Injectable adhesive anchors using diamond drilling can be inserted into concrete with low noise and low vibration. A bond strength test was executed to compare injectable adhesive anchors with capsule adhesive anchors. The effect of the construction method, anchor, anchor bar, and embedding length on bond strength was investigated. Moreover, it was confirmed that injectable adhesive anchors and capsule adhesive anchors have comparable bond strength.