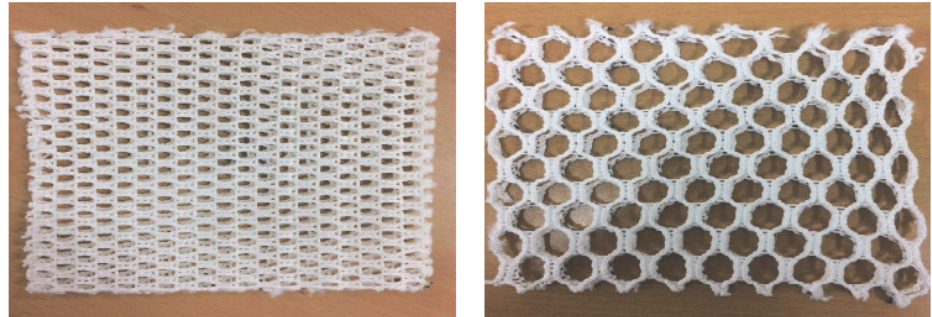


FIGURE 1: Concept applications of concrete columns strengthened with UHMWPE.



(a) Type A (UHMWPE)

(b) Type B (UHMWPE + carbon fibers)

FIGURE 2: Two kinds of woven UHMWPE specimens.

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