

CarbonArmor® Crack Repair Technical Specifications

Cured Composite Design Properties ^(1,2)	
Property	Design Value
Tensile Strength	40.00 ksi
Tensile Modulus	3,725 ksi
Elongation at Break	1.07%
Tensile Strength per Inch Width	2.50 k/in
Laminate Thickness	0.063 in
Strap Width	12.00 in
Strap Length	96.00 in

- (1) Estimated minimum values with bidirectional CarbonArmor fabric when laminated with Supportworks Saturating Resin - 2500.
(2) Reported values are those recommended for use in design.

Note 1: Safety Data Sheets (SDS) for the CarbonArmor carbon fabric, both components of the epoxy liquid, and both components of the epoxy paste are available upon request.

Note 2: For use on CMU block or poured concrete walls after the cause of the crack has been addressed.



Rendering of the CarbonArmor® Crack Repair system installed within a basement