



OCTAFORM®

ColumnArmor

ColumnArmor™ is a lightweight PVC jacketing system for repairing compromised concrete columns, piles, and beams. Configured around project-specific geometry, it supports replacement concrete and reinforcement while providing a permanent corrosion-resistant PVC jacket.

01

SHIPS FLAT

ColumnArmor™ ships flat for efficient transport and can be configured as round, square, or rectangular jackets in project-specific lengths. Its flexible components allow a precise fit around deteriorated columns.



02

EASY INSTALLATION

The lightweight modular PVC jacket is easy to install, and work can continue while the structure remains in service. Seams zip together from the outside with a specialty tool for fast installation without fasteners.



03

LONG-LASTING PROTECTION

The PVC requires no maintenance and provides a corrosion-resistant finish that deters marine life attachment. The rehabilitated structure also benefits from improved appearance and decades of protection, helping it remain in service for years to come.



1 CORNER BRACING

Flexible bracing maintains precise corner angles and allows for an adjustable fit on heavily corroded columns.

2 FLEXIBLE STANDOFF

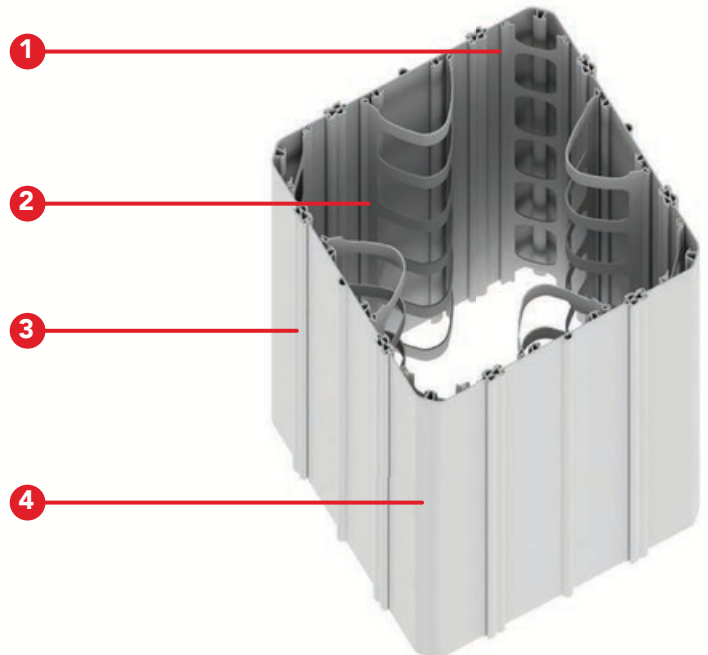
Helps stabilize and facilitate the concrete pour while maintaining a specified distance on all sides of the compromised structure.

3 PVC

Protects marine piles and bridge columns from corrosive environments.

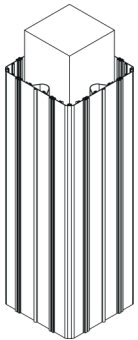
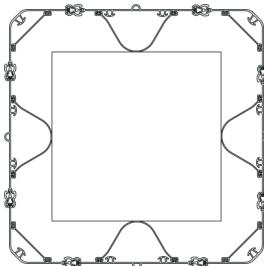
4 CORNER PIECE

Can be made to fit any configuration, size or shape.

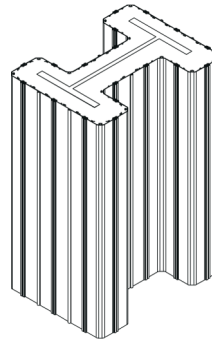
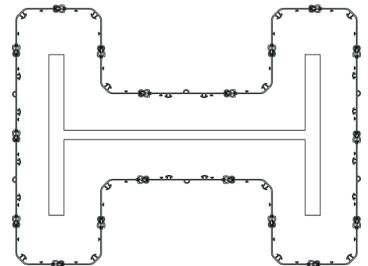


QUICK AND EASY INSTALLATION IN MULTIPLE CONFIGURATIONS

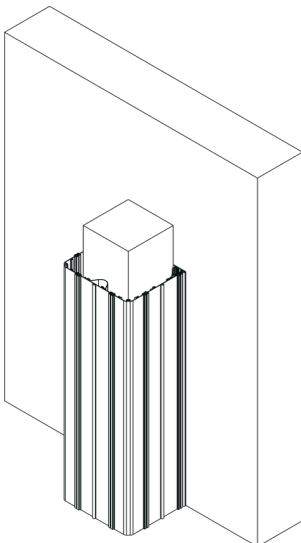
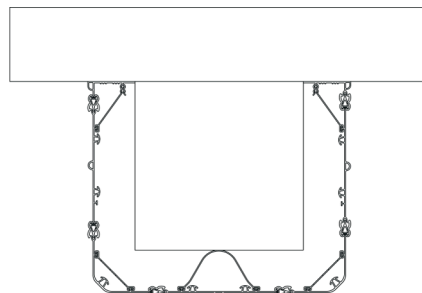
SQUARE



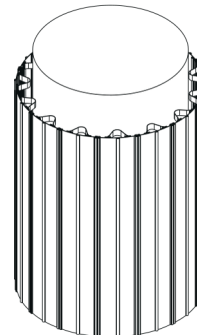
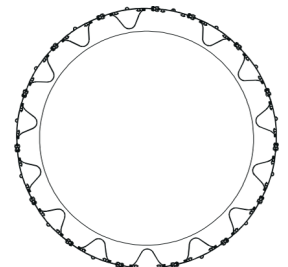
I-BEAM



PILASTER



ROUND



ColumnArmor™ provides configurable PVC jacketing for compromised columns, piles, and beams, accommodating replacement concrete and reinforcement while protecting the repaired structure from corrosive environments. Its lightweight zip-up system is designed for efficient installation, including challenging retrofit conditions.

BEFORE



AFTER



Get a Quote

Scan to share project requirements

Octaform can provide a high-accuracy budget estimate for your ColumnArmor™ rehabilitation scope, along with detailed installation and schedule guidance, in as little as 6 business days. This can be followed by a fixed-price installation bid.

