

Erosion Protection Using Articulated Concrete Blocks (ACBs)

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The Shorebloc cabled erosion control revetment system has been proven in the laboratory and the field as a technical and economical improvement over traditional forms of erosion control. By virtue of their large unit mass and longitudinal and lateral corrosion resistant cables, ShoreBloc mattresses provide an easily constructed, durable, flexible, and permeable erosion protection system. ShoreBloc has flexible cables, which are interconnected to provide articulation between adjacent blocks. Block walls are designed with relief angles to allow for flexibility in all directions. Presentation will cover design, manufacturing and installation.

Patrick Bonorden is the Regional Engineer for Premier Concrete based out of Houston, TX. He has a Civil Engineering Degree from the University of Texas at Austin. His 20 years of experience includes design for TxDOT and private engineering firms. He also has worked in Construction Management and as a Technical Adviser.