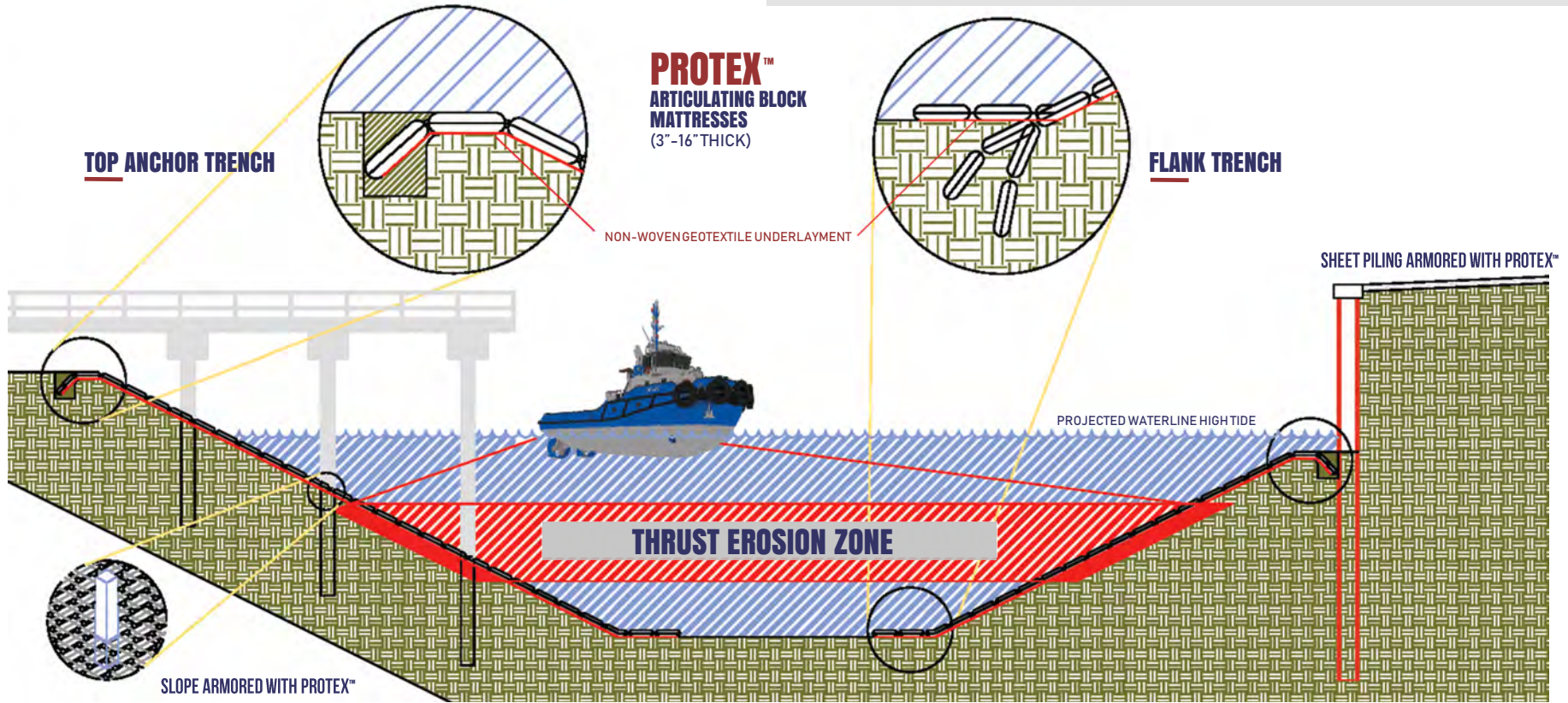


SHEET PILE & SCOUR PROTECTION

Fighting Erosion With PROTEX™ Articulating Block Mattresses



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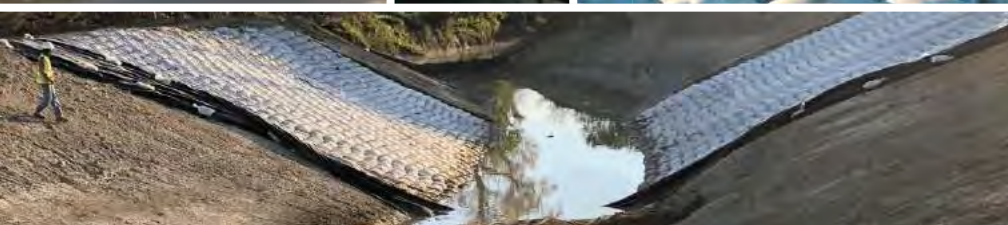


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WHAT IS PROTEX™?

- ✦ CUSTOM FABRIC FORMS PUMPED WITH FINE GROUT
- ✦ ALLOWS FOR PRECISE PLACEMENT
- ✦ IDEAL FOR SUBAQUEOUS INSTALLATION
- ✦ NO ADDITIONAL FORMING OR FINISHING IS NEEDED
- ✦ DIFFERENT PRODUCT TYPES & THICKNESSES FOR EACH PROJECT
- ✦ OUTPERFORMS ALL OTHER TRADITIONAL EROSION CONTROL METHODS

ADVANTAGES OF PROTEX™

- ✦ HIGH PERFORMANCE & STABILITY
- ✦ STOPS EROSION CAUSED BY IMPACT
- ✦ REDUCED MATERIAL & LABOR COSTS
- ✦ NO HEAVY MACHINERY OR CRANES REQUIRED FOR INSTALLATION
- ✦ CAN BE INSTALLED REMOTELY, UNDERWATER OR WHERE THERE IS LIMITED ACCESS
- ✦ LOW SITE IMPACT
- ✦ PROTEX™ AB MATS LAST LONGER THAN RIP-RAP
- ✦ REDUCTION IN WAVE RUN-UP
- ✦ ENHANCES SAFETY - ERODED BANKS ARE HAZARDOUS
- ✦ LOWER PROFILE COMPARED TO RIP-RAP
- ✦ ENVIRONMENTALLY FRIENDLY
- ✦ IMPROVED EROSION CONTROL PROTECTION
- ✦ BETTER HYDRAULIC EFFICIENCY
- ✦ EXTENDS LIFE SPAN OF MARINE STRUCTURES



WHAT PRODUCTS DO WE REPLACE?

- ✦ RIP-RAP
- ✦ SHEET PILE
- ✦ GEOGRIDDING
- ✦ CONCRETE
- ✦ SLOPE PAVING
- ✦ GABION WIRE
- ✦ CONTAINMENT BASKETS
- ✦ MANUFACTURED HARD ARMORING SYSTEMS
- ✦ PRECAST BLOCK MATS
- ✦ PLASTIC WEBBING FILLED WITH STONE

APPLICATIONS

- THRUST & PROPELLER WASH PROTECTION
- WHARF & DOCK ARMORING
- PROTECTION FROM SHIP WAKES & CURRENTS
- UNDERWATER PIPELINE PROTECTION
- DRAINAGE SWALE & DITCH REVETMENT
- COASTAL & MARINE IRRIGATION
- WAVE, WIND & STORM PROTECTION
- WATER & WASTEWATER BASINS
- STORMWATER POND RUNOFF
- EROSION PROTECTION OVER GEOSYNTHETICS SYSTEMS
- PREVENT & REPAIR SHEET PILE SCOUR
- CONTROLLING PORT & HARBOR EROSION FROM FLOWING WATER
- PROTECTING SHORELINES & CHANNELS FROM WAVE ACTION
- BULKHEAD & SEAWALL RESTORATION
- FORMING IMPERMEABLE LININGS FOR PONDS AND CANALS
- CULVERT & OUTFALL TAILORED PENETRATION
- BRIDGE PIER & ABUTMENT SCOUR REPAIR
- CHANNEL, CANAL AND LEVEE LININGS
- DAM FACE & SPILLWAY PROTECTION



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