



Seabed Pipeline Protection in Thailand

Location: Thailand

Application: Pipeline Protection

Problem :

The special project was constructed to protect the HDPE pipeline on seabed which may be destroyed by scouring or moving, hence the project owner needs a structure to shield the pipeline but won't damage the pipe while installation.



Solution :

The design engineer select a shelter, by using ACEFormer[®] filled with sand, to protect the pipeline attacked by current directly and anti-scour under the pipeline, the flexible structure won't injure the pipe as well.

ACEFormer[®] of this project formed of ACETex[®] PET 250-I with good abrasion resistance to resist the tension during construction.

Hanged the ACEFormer[®] panel which pre-filled sand on land to the pipe protected location, dropped down the sand-filled ACEFormer[®] carefully to cover the pipe.

The project was finished in 2008, and it is still in very good condition and using efficiently now.