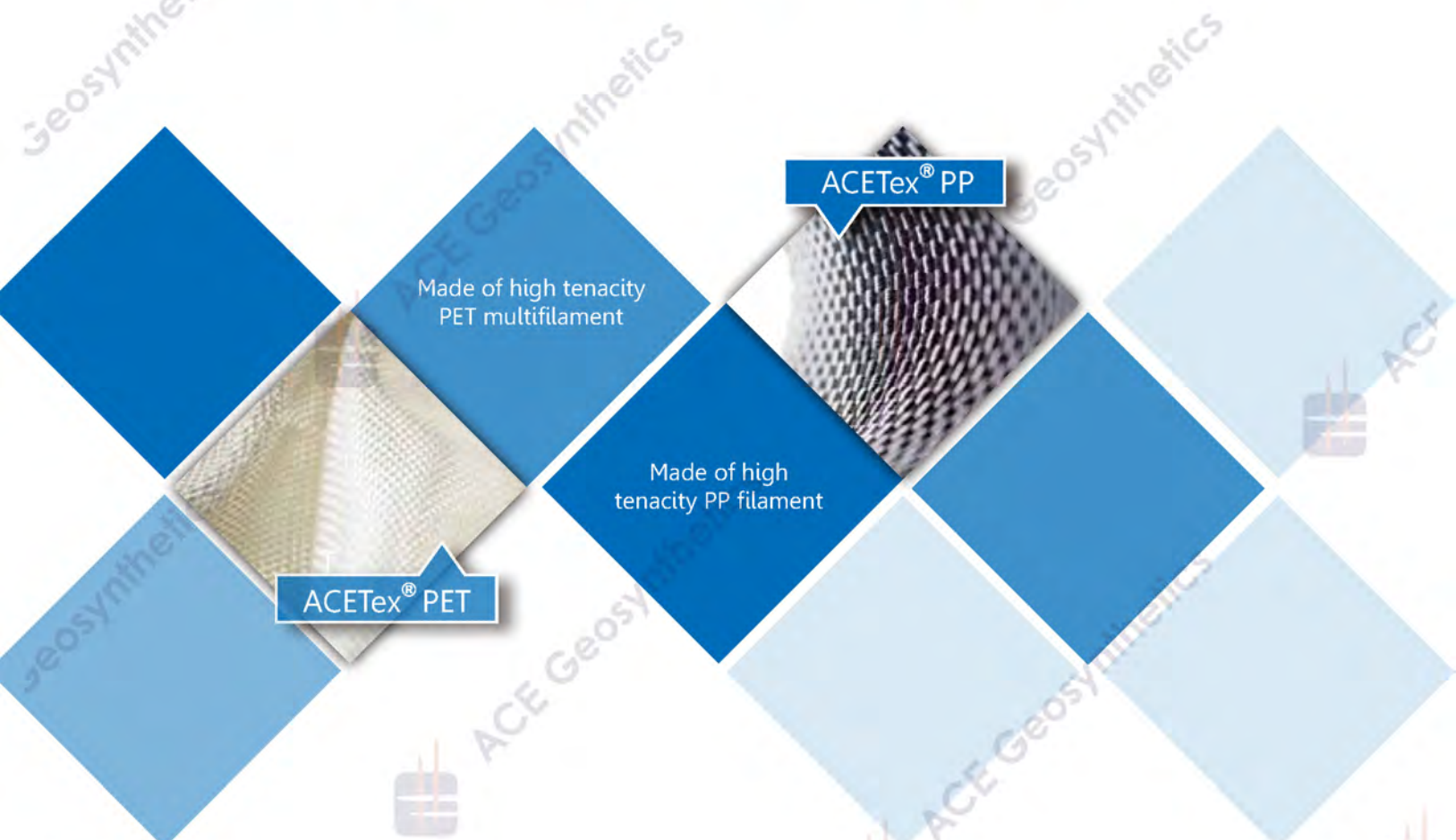


# ACETex<sup>®</sup>

ACETex<sup>®</sup> is the registered trademark of ACE Geosynthetics for all its geotextile products. ACETex<sup>®</sup> is basically woven geotextile made of high tenacity and high molecular weight polyester or polypropylene yarns, to provide a wide range of geotextile with different strength at low elongation. With experience and know-how, ACE Geosynthetic is able to produce extraordinarily high strength woven geotextile for special engineering applications.

The two main types of ACETex<sup>®</sup> are ACETex<sup>®</sup> PET and ACETex<sup>®</sup> PP .



# ACETex® PET APPLICATION

ACETex® PET can be applied in the following constructions and purposes:

## Ground stabilization

Airport Runway Reinforcement.  
Railway Track Reinforcement.  
Pile Foundation.

## Reinforced Embankment

Reinforced Embankment.  
Reinforced Abutment.

## Reinforced Wall and Slope

Reinforced Wall.  
Reinforced Slope.

## Pavement Reinforcement

Subgrade Stabilization.

## Separation

Sidewalk Paver.

## Containment

Geotextile Bag.  
Geotextile Tube.



## Real Case

High tensile strength ACETex® is applied in soft soil improvement for a high-level roadway upgrade and expansion project. The proposed construction site is a flood plain area, since it is close to a river. ACETex® is laid to separate different granular materials for differential settlement prevention, to evenly distribute and transfer load downward for ground stabilization, and to provide some degrees of horizontal drainage to the ground. The time needed for granular material to settle and consolidate is shortened substantially.

# WHY ACETex<sup>®</sup> PET

ACETex<sup>®</sup> PET has excellent performance in different constructions and environmental conditions.

## Key Features:

- Stable woven structure.
- Low elongation and high tensile modulus.
- Remarkable performance against creep.

## Key Benefits:

- Cost and time saving.
- Easy and quick installation.
- Durable in natural environment.
- Improve bearing capacity.



# ACETex® PP APPLICATION

ACETex® PP can be applied in the following constructions and purposes:

## Containment

Geotextile Bag.  
Geotextile Tube.

## Filtration

Geotextile behind Retaining Wall.  
Geotextile around Underdrain.  
Silt Fence.

## Separation

Sidewalk Paver.

## Pavement Reinforcement

Subgrade Stabilization.

## Ground stabilization

Railway Track Reinforcement.



## Real Case

Durable ACETex® is processed to enormous containers (ACEContainer®) for high polluted sludge dredging and disposal. The settlement of the sludge mixture of oil, silt, drifted sand, and suspended solids at the bottom of the harbor basin pollutes the environment and affects the routine operation of the port and navigation of ships. The dredged sludge is put into ACEContainer® fixed on a barge, and is then transported to an appropriate location and dropped into the sea after proper sealing. ACEContainer® effectively helps the dredging and disposal work, and controls the spread of the polluted sludge.



# WHY ACETex<sup>®</sup> PP

ACETex<sup>®</sup> PP has excellent performance in different constructions and environmental conditions.

## Key Features:

- Various woven structure.
- High permeability and CBR value.
- Remarkable resistance against abrasion, UV light and chemical environment.
- Relatively light weight with high tensile strength (compare to products with the same strength level).

## Key Benefits:

- Cost and time saving.
- Durable in natural environment.
- Easy handling and installation.

