



REED & GRAHAM INC.

# GEOSYNTHETICS

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Redding

Sacramento

Stockton

Central Coast

San Jose

San Diego

**Supply ♦ Design Assistance ♦ Fabrication**

## EROSION CONTROL PRODUCTS

- STRAW BLANKETS
- STRAW / COCONUT BLANKETS
- COCONUT BLANKETS
- EXCELSIOR BLANKETS
- TURF REINFORCEMENT BLANKETS (High Performance)
- FIBER ROLLS (STRAW WATTLE)
- COIR BLANKETS
- GABIONS
- LIQUID POLYMERS
- HYDRO MULCH

## SEDIMENT CONTROL PRODUCTS

- FIBER ROLLS (STRAW & EXCELSIOR)
- GRAVEL BAGS (ROC SOC™)
- SAND BAGS (burlap & poly)
- COIR LOGS, EXCELSIOR LOGS
- SILT FENCE (with or w/out stakes)
- TEMPORARY CHECK DAMS
- D.I. FILTER BAGS (SILT SACK®)
- DEWATERING BAGS (DIRTBAG®)
- MONOFILAMENT GRAVEL BAGS
- SILT SIFTER™ GRAVEL BAGS
- FLOATING TURBIDITY BARRIERS
- FLOC LOGS
- STRAW BALES

## DAMP & WATERPROOFING

- LIQUID DAMPPROOFING
- MEMBRANE (VAPOR & WATERPROOF)
- LIQUID (MEADOWPRUF™)
- PROTECTION COURSE

## PIPE

- HDPE – SINGLE & DOUBLE WALL (3" – 60")
- PVC – SDR 35 & SCH40
- DRAINAGE, PERFORATED & SOLID

## DRAINAGE COMPOSITES

- SHEET DRAIN
- CHIMNEY DRAIN
- STRIP DRAIN
- TURF DRAIN (MULTI-FLOW™)
- PAVEMENT EDGE DRAIN
- FRENCH DRAIN COMPONENTS

## METHANE GAS COLLECTION

- HAZVENT

## GEOTEXTILE PRODUCTS

- WOVEN & NONWOVEN (4-30 oz/sy)
- MOISTURE BARRIER
- SPECIALTY COMPOSITES
- HIGH STRENGTH WOVENS

## GEOGRID PRODUCTS

- UNI-AXIAL – SLOPE & WALL GRID
- BI-AXIAL – SUBGRADE
- PAVING – PETROGRID™, ISAC™

## PAVEMENT INTERLAYERS

- PETROMAT®, PETROGRID™
- PETROTAC®, PROGUARD®
- PAVEPREP® & GEOTAC®,

## ROOT & VEGETATION CONTROL

- BIO-BARRIER®
- PLASTIC ROOT BARRIER
- WEED CONTROL FABRIC (WOVEN & NONWOVEN)
- MULCH MAT & TREE MATS

## CONTAINMENT LINERS

- CELLULAR CONFINEMENT SYSTEMS
- GEOMEMBRANES (PVC, HDPE, LLDPE & POLYPROPYLENE REINFORCED)

## FENCING PRODUCTS

- SAFETY FENCE (plastic/fabric/metal)
- E.S.A. (environmentally sensitive area) FENCE
- SILT FENCE, HI-VU FENCE
- T-POSTS & HARDWOOD STAKES

## ACCESSORIES – MISCELLANEOUS

- POLY FILM (6 & 10-mil)
- STAPLES / PINS / STAKES
- FLOC LOG® (site specific)
- OIL ABSORBENT BOOMS & PADS
- TEXICON™ FABRIC FORMS
- TRAFFIC DRAIN & VALVE BOXES
- TOMMY® SILTFENCE MACHINES
- BRIDGE EXPANSION JOINT PRODUCTS
- ELASTOMERIC CONCRETE PATCH

## CUSTOM FABRICATION

- PROJECT SPECIFIC PRODUCTS
- SEDIMENT CONTROL SOLUTIONS
- RE-ROLLING & ROLL SLITTING
- FABRIC SEWING

***Customized Solutions for Critical Situations***



## Construction Solution Chart

### Geotextiles:

#### **CalTrans, Section 88, Engineered Fabrics**

- 88.1.02 Pavement Reinforcement Fabric
- 88.1.03 Filter Fabric, Edge & Underdrain
- 88.1.04 Rock Slope Protection Fabric, A&B

#### **AASHTO M288 specifications**

#### **Unstable Subgrade Conditions**

- Light rutting, moderate pumping
- High stress, severe rutting, CBR <2
- Inaccessible sites, extreme axle loads

Petromat 4598  
Propex 4546  
A: Propex 4546; B: Propex 4553  
Call for recommendation

Propex 4550 or 2002  
Propex 4553, 2006 or BX1100  
Propex 2016, 2044 or BX1200

### Erosion Control:

#### **Straw/Coconut Blankets**

- Slopes 4:1–3:1 Light to moderate run-off
- Slopes 3:1–2:1 Moderate to heavy run-off
- Slopes 2:1–1:1 Severe slopes & medium flow channels
- Slopes 1:1 > Extreme slopes & high flow channels

#### **Fiber Rolls**

#### **Permanent reinforcement**

Extreme slopes, high flow channels

#### **Spray-on Erosion Control & Dust Palliatives**

S1 (recommend 1 staple/SY)  
S2 (recommend 1.5 staples/SY)  
CS2 (recommend 2 staples/SY)  
C2 (recommend 2.5 staples/SY)  
Excelsior, Straw & Coconut

Landlok® Pyramat®  
Liquid Polymers (PAMS)

### Sediment Control:

#### **Dirtbag®**

#### **Silt Fence (DOT & Custom Fabricated)**

#### **RocSoc™/Gravel Bags**

#### **Floating Turbidity Barriers**

These are general recommendations only. Due to the number of variables affecting the result of specific applications, no warranties, express or implied, including any warranties of merchantability or fitness for a particular purpose, are provided by Reed & Graham, Inc. Geosynthetics. Contact your local office to discuss project specific applications. Manufacturers numbers and trade names are shown for reference only. Reed & Graham, Inc. Geosynthetics offers these and equivalent products.

## Office & Warehouse\* Locations

Toll Free Phone: 1-888-381-0800

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### Redding

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### San Diego



CPESC Certified

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