

PROJECT STAKEHOLDERS

- Acacia Erosion Control
Santa Barbara, California

CHALLENGES

- Establishing vegetation on a fire reclamation site
- 1H:1V and 2H:1V slopes
- Expected heavy rain after application
- Mudslides

APPLICATION

- Flexterra® HP-FGM®:
4,000 lb/ac (4,480 kg/ha)

RESULTS

- After application, Flexterra bonded directly to the soil providing immediate erosion protection
- Despite heavy rains that triggered mudslides across the area less than two days later, Flexterra held the soil and seed in place



Before application

A homeowner in Montecito needed to control erosion and establish vegetation on their property after California's devastating 2018 Thomas fire ravaged the landscape. The two-acre (0.8 ha) site includes rocky hills with 1H:1V and 2H:1V slopes. The construction company working on the house contacted Acacia Erosion Control to survey the site and provide options for reclaiming the land. James Colbert, the estimator and project manager for Acacia Erosion Control, recommended Profile's Flexterra® High Performance-Flexible Growth Medium® (HP-FGM®). Flexterra is the

industry's leading hydraulically applied erosion control product, proven to minimize sediment migration and provide highly effective erosion control. Using a 3,000-gallon hydroseeder and three employees, Acacia applied Flexterra at 4,000 pounds per acre (4,480 kg/ha) on the slopes, easily spraying around the burnt trees and shrubs. Colbert said this approach saved time and labor, since his three employees could safely spray product while on stable ground. He said using a rolled erosion control product would have meant using an elaborate rope system, double the labor, clearing much of the debris, and regrading the slope.

"This is the kind of job where we immediately think of a heavy duty biomatix product like Flexterra," Colbert said.

Less than two days after application, a major rainstorm triggered massive mudslides in the area, however, areas treated with Flexterra held fast. The homeowners were grateful it saved the property from further damage.



Flexterra application



While rain triggered mudslides in the area, Flexterra remained intact

