RESULTS OF APPLICATION OF WATER ABSORBING GEOCOMPOSITE

Key words: grass cover, superabsorbents

Summary

Durability and safety of earth structures depend on the condition of their grass cover. Difficult weather conditions during summer negatively influence the growth of plants and cause vegetation to wilt. Therefore, it stops to protect earth structures. Geocomposite absorbing water is presented here. It is a tube made of geotextile and filled with superabsorbent. The geocomposite can be installed into anti-erosion systems. Observations of the growth and condition of grass cover on river embankment with and without water absorbing geocomposite are presented.

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