neisser-geo.de

NEISSER
GEOPRODUKTE

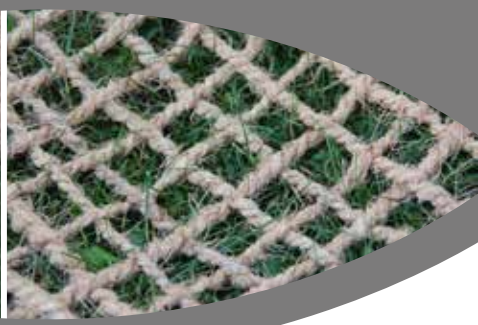
NeiG Tekss7

Technical erosion control
made of coconut fibers with stainless steel wire

(Patent pending)

WE ARE
EROSION CONTROL
sustainable - natural - competent

neisser-geo.de



NeiG Tekss7

Technical erosion control made of coconut fibers with stainless steel wire

(Patent pending)

DESCRIPTION

The new **NeiG Tekss7** erosion control woven fabric makes erosion control with nature fibre more technical. The unique process, an additional stainless steel wire is incorporated, making this geotextile permanently resistant. The tensile strength is increased to over 33 kN/m and ensures permanent surface protection of the developed plant cover. No plastic is released into the environment at the end of its service life. Our waters remain free of microplastics. The ideal textile product for recultivation and engineering biology measures when it comes to nature and species protection in conjunction with a permanently stabilized structure in the root zone.

BENEFITS

- Durable technical erosion protection without plastic
- Patent pending from Neisser Geoprodukte GmbH
- Structure made of 100% renewable natural fibers and stainless steel reinforcement
- No entry of microplastics into the environment
- Colored guide as a laying aid
- Unique: > 33 kN/m maximum tensile force according to DIN EN ISO 10319

APPLICATION

This geotextile (patent pending) takes surface erosion protection in road construction to a new level. It often takes several years to establish protective vegetation with grasses and herbs. With the current state of the art 100% biodegrable geotextiles made from natural fibers are predominantly used. Here the coir woven fabric in coconut fabric in plain weave is one of the most widely used geotextiles. A multitude of advantages make this product so successful. A decisive disadvantage - depending on the location - can be the limited service life. The new NeiG Tekss7 is used wherever durability is an issue. In hydraulic engineering the durable stainless steel wire stabilizes the root horizon after the natural fibres have rotted. Dykes, shorelines and embankments are secured in the vegetation layer. In rock stabilization and on steep slopes, the stainless steel wire serves as additional safety in the form of a secondary mesh under the rockfall protection nettings.

Neisser Geoprodukte GmbH
Vor der Lake 14, 57392 Schmallenberg
Tel.: +49 2972 97788-0
Fax: +49 2972 97788-19

WE ARE EROSION CONTROL
sustainable - nature - competent