

DRAINAGE EROSION CONTROL

K-Mat® is a three-dimensional geomat obtained from extruded PP monofilaments. The product is available in three different thicknesses and can be bonded with biodegradable pre-seeded biofelts (Grass version) or waterproofing membranes (WP version) for lining earthen guard ditches.

The standard colour is black but it is also available in light brown and green on request.



01.



02.



03.

01. K-Mat® L / 02. K-Mat® Grass / 03. K-Mat® WP

MODELS

K-Mat® Mini L / L / Super L (mat only)
K-Mat® F (height 1 m for facing of reinforced soil structures)
K-Mat® GRASS (mat + biod. pre-seeded biofelt)
K-Mat® WP (mat + 1 PP NW geotextile + 1 waterproofing membrane)

RAW MATERIAL

PP

TENSILE STRENGTH IN MD

2,1 kN/m

WIDTH

(1)-2-4 m

COLOURS

Black / green / light brown

VARIATIONS

Mini L

L

Super L

THICKNESS

10 mm

16 mm

22 mm

MD: Machine Direction

FUNCTION



DRAINAGE



EROSION CONTROL

AREA OF APPLICATION



LANDFILLS



EARTH
WORKS



CONTAMINATED
SITES



DRY
SLOPES



CANALS



MINES



ROADS
RAILWAYS
AIRPORTS



TUNNELS



ABOUT US

TeMa is an Italian company specializing in the manufacture of geosynthetic systems for construction, with over 30 years of industry experience.

Solutions provided integrate drainage, waterproofing and mechanical protection into engineered systems for civil works, infrastructure and environmental remediation.

TeMa provides specialized technical support from design through execution, with product certifications in line with the main European and international standards.

INTERNATIONAL PRESENCE

Italy, Russia, Spain, Turkey, Romania, South Africa, United States.

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