

ENKA®-TEX SG and PP

WOVEN GEOTEXTILE FOR SEPARATION
AND REINFORCEMENT

Enka-Tex SG and PP woven geotextiles offer the perfect cost-effective solution for separation, soil strengthening and ground reinforcement. Enka-Tex SG and PP woven geotextiles are manufactured from polypropylene tapes.

The SG and PP range is used in areas such as access roads and hard standings, roadways, car parks and coastal defence projects. One of its primary uses is in separation applications where there is a requirement to prevent intermixing of soft in-situ soils with good clean granular fill. A range of aperture sizes is available for Enka-Tex SG and PP.

Functions

- Separation
- Filtration
- Soil stabilization
- Soil reinforcement

Application areas

- Site access roads
- New roadways
- Hardstandings
- Car parks
- Industrial units
- Coastal defence projects





Features and benefits

- Long life expectancy when used in permanent structures
- Mechanical properties offer maximum strength at minimal cost
- Greater mechanical strength per unit weight compared to comparable nonwovens – perfect for separation
- Enables water flowrates normal to the plane greater than those stipulated in the design
- Significantly reduced carbon footprint compared to traditional methods
- Significant cost saving compared to traditional methods
- Resistance to acids and alkalis at ambient temperatures
- High biological resistance

Technical details

Enka-Tex SG and PP woven geotextiles are manufactured from highly durable polypropylene.

- Tensile strengths from 10 to 200 kN/m
- CBR puncture strengths ranging from 1.8 to 12.5 kN
- Available ex stock in rolls of 4.5 and 5.25 mm width as standard or other widths to order
- Roll length 100 m

Data sheets with full technical details are available on request. Contact us for further details.

Quality

The Quality Management Systems of Low & Bonar facilities have been approved to the ISO 9001 Quality Management System Standard. Certificates are available on request.

Disclaimer

All information and product specifications provided in this document are accurate at the time of publication. As the Low & Bonar Group follows a policy of continuous development the provided information and product specifications may change at any time without notice and must not be relied upon unless expressly confirmed by a relevant member of the Low & Bonar Group upon request. No liability is undertaken for results obtained by usage of the products and information.

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