

BONTEC® SNW

NEEDLE-PUNCHED GEOTEXTILE FOR PROTECTION,
SEPARATION AND FILTRATION

Bontec SNW (Superior Nonwoven Geotextile) is a needle-punched, lightly thermally bonded geotextile designed to offer outstanding performance at minimum weight. The SNW range offers superior puncture resistance when compared with most other needle-punched nonwoven products of comparable weight. Its principal functions are protection, separation and filtration.

Through the optimum combination of polymer and production technology our SNW product range is the perfect choice for use in the protection of impermeable membranes in landfill and reservoir construction as well as for coastal protection from erosion below rock and concrete defences.

Functions

- Protection – of membranes
- Separation – to prevent the intermixing of dissimilar soil layers.
- Filtration – to allow the passage of fluids whilst preventing the uncontrolled passage of soil.

Application areas

- Membranes and liners in landfills
- Membranes and liners in reservoir engineering
- Groundworks
- Coastal engineering



Features and benefits

- Maximum performance to cost ratios
- High elongation
- Durable in the most extreme site conditions
- High damage resistance even for the most demanding fill types
- Excellent resistance to acids and alkalis at ambient temperatures
- High biological resistance
- High puncture resistance and tensile strength
- Outstanding protection to membranes and liners (for landfills, reservoirs)
- High permeability and fine pore size
- Ideal for more demanding applications – ie coastal engineering
- Significantly reduced carbon footprint compared to traditional methods
- Significant cost saving compared to traditional methods

Technical details

- SNW nonwoven geotextiles are produced using 100% virgin polypropylene staple fibres.
- The product delivers in excess of 1000N CBR puncture resistance per 100g/m² fabric weight
- Available in weights of 120 to 800 g/m²
- Rolls are 5,25 metres wide, other widths available on demand
- CBR puncture resistance up to 14kN available for single layer product

Datasheets with full technical details are available. Contact us for more details.

Quality

The Quality Management System of Bonar has been approved to the ISO 9001 Quality Management System Standard. Certificates are available on request.

Product group

BONTEC GEOTEXTILES

Leaflets in this group

BONTEC NW	BONTEC HF
BONTEC VNW	BONTEC HS
BONTEC SNW	BONTEC PROTEC
BONTEC LG	BONTEC FLAMX
BONTEC SG	

Disclaimer

The information in this leaflet reflects the best knowledge at the time of publication. The document is subject to change pursuant to new developments and findings. The same reservation applies to the properties of the products described. No liability is undertaken for results obtained by usage of the products and information.

© Bonar 2014