

BONTEC® NW

NEEDLE PUNCHED NONWOVEN GEOTEXTILE FOR SEPARATION AND FILTRATION

Bontec NW is a range of needle-punched and thermally bonded geotextiles that offer the highest levels of engineering performance and quality standards. The NW range is used in various applications including site access roads, hard standings, road and railways, drainage blankets and car parks.

Bontec NW nonwoven geotextiles lend valuable qualities to numerous groundwork construction applications. In railtrack maintenance for example, Bontec NW minimises potential track failure which can be caused by pumping (ie the upward movement of fines from the underlying formation into the ballast).

The hydraulic properties of Bontec NW nonwovens stimulate the build-up of a natural soil filter in the adjoining soil to ensure long term filtration stability.

Functions

- Separation
- Filtration

Application areas – separation

- Site access roads
- Hardstandings
- New roadways
- Car parks
- Industrial units
- Railways

Application areas – filtration

- French drains
- Railways
- Granular drainage blankets



Features and benefits

- Designed specially to offer optimum performance per unit weight
- Thermal and mechanical bonding process ensures superior performance at lower weight
- The product enables water flow normal to the plane which is usually several times greater than that required by the design
- A range of consistent aperture sizes to accommodate different soils ranging from clay to coarse granular fill
- Excellent mechanical robustness and hydraulic properties
- Significantly reduced carbon footprint compared to traditional methods
- Significant cost saving compared to traditional methods

Technical details

Bontec NW nonwovens are a range of polypropylene needle punched and thermally bonded nonwoven staple fibre geotextiles.

- CBR puncture strengths from 0.85 to 7.5 kN.
- Available in rolls of 5.25 metres or other widths to order.
- Uniform tensile strengths in all directions throughout the length and width of every roll up to 45 kN per metre width

Technical datasheets with full 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.

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