



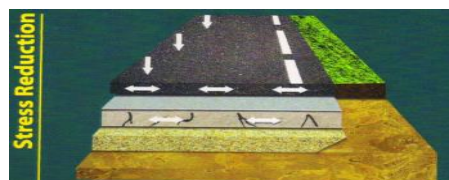
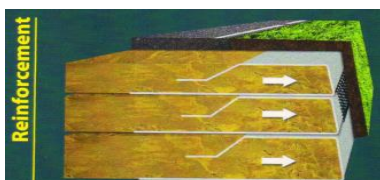
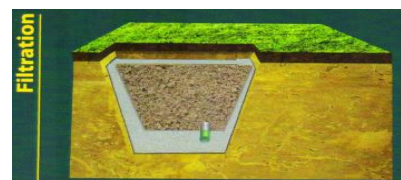
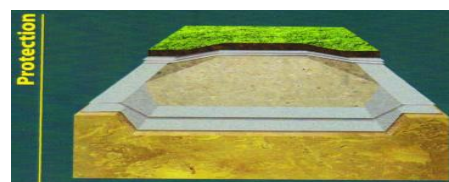
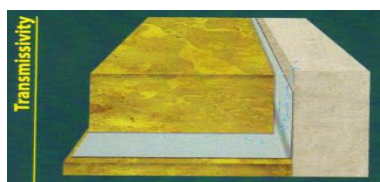
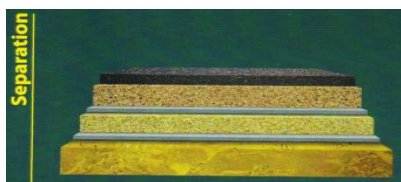
BITUMODETEX POLYESTER NON WOVEN

Product Datasheet polyester nonwoven

| Properties | Standard | Unit | BITUMODETEX 100 | Tolerance |
|--------------------------------|-------------|------------------|-----------------|-----------|
| Mechanical properties | | | | |
| Tensile strength | ASTM D 4595 | kN / m | 4.0 | -1.0 |
| Elongation | ASTM D 4595 | % | > 50 | - |
| Grab Tensile Strength | ASTM D 4632 | N | 280 | -50 |
| Grab Tensile Elongation | ASTM D 4632 | % | > 55 | - |
| Trapezoidal Tear Strength | ASTM D 4533 | N | 110 | -10 |
| Puncture Strength (CBR) | ASTM D 6241 | N | 750 | -50 |
| Physical properties | | | | |
| Mass/unit Area | ASTM D 5261 | G/m ² | 100 | ±10 |
| Thickness | ASTM D 5199 | mm | 1.0 | -0.1 |
| Hydraulic properties | | | | |
| Flow Water Rate- 5cm head | ASTM D 4491 | l/m2/sec | 100 | -20 |
| AOS | ASTM D 4751 | microns | 100 | +20 |
| Roll dimensions | | | | |
| Roll Width X length | - | m | 2.95 X100 | - |

BITUMODETEX 100 is a nonwoven geotextile manufactured from high quality UV stabilized polyester. The fibers are mechanically bonded through needle-punching process and also thermally bonded to form a strong, flexible and dimensionally stable fabric structure, with optimum pore sizes and high permeability.

BITUMODETEX 100 is resistant to chemicals and biological degradation normally found in soils and is stabilized against degradation due to shorter exposure to ultraviolet radiation.



Bitumode Qatar Waterproofing Factory

New Industrial Zone, Doha, Qatar
Tel: (+974) 44 44 2717
Fax: (+974) 44 44 2818
P.O. Box 39199, Doha, Qatar
Email: info@bitumodeqatar.com
Website: www.bitumodeqatar.com

