

# Armatex® G 40/40

## Woven geogrid for soil reinforcement

### Technical data sheet

#### Product description

| Polymer                                 | Density     | Melting Point | Construction  |
|-----------------------------------------|-------------|---------------|---------------|
| 100% Polyester geogrid with PVC coating | 1,38 kg/dm³ | 250 °C        | Multifilament |

#### Properties

| Mechanical Properties              | Standard     | Performance | Tolerance |
|------------------------------------|--------------|-------------|-----------|
| Tensile strength - MD              | EN ISO 10319 | 45 kN/m     | -5 kN/m   |
| Tensile strength - XD              | EN ISO 10319 | 45 kN/m     | -5 kN/m   |
| Elongation at break - MD           | EN ISO 10319 | 12 %        | +/-2,5 %  |
| Elongation at break - XD           | EN ISO 10319 | 12 %        | +/-2,5 %  |
| Tensile strength at 2% strain - MD | EN ISO 10319 | 7,5 kN/m    |           |
| Tensile strength at 2% strain - XD | EN ISO 10319 | 8 kN/m      |           |
| Tensile strength at 5% strain - MD | EN ISO 10319 | 12,5 kN/m   |           |
| Tensile strength at 5% strain - XD | EN ISO 10319 | 14 kN/m     |           |

#### Dimensions

|                           |             |                      |          |
|---------------------------|-------------|----------------------|----------|
| Aperture size             |             | 20 x 20 / 35 x 35 mm |          |
| Weight                    | EN ISO 9864 | 250 g/m²             | -30 g/m² |
| Length x width            |             | 100 x 5,2 m          |          |
| Length / diameter of roll |             | 5,25 / 0,28 m        |          |
| Gross weight              |             | 136 kg               |          |
| Color code                |             | -                    |          |

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



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