

# ARMATEX®

## Asphalt Pavement Reinforcement



### Main applications:

- Constructing new roads and repairing damaged sections of asphalt surfaces of roads, motorways, parking, airport surfaces and access ways.
- Expanding thoroughfares and road lanes.
- Asphalt reinforcing at locations subject to intensive vehicle braking or accelerating, important junctions, bus stops etc.

### Advantages:

- Considerably lengthens the durability of asphalt layers in road surfaces.
- Significantly reduces the occurrence of cracks.
- Reduces the formation of ruts in areas of high traffic loading.
- The construction of the geogrid guarantees optimum adhesion with the asphalt layers.
- White colour guarantees the transparency of its penetration into the asphalt mixture.
- Material resistance up to 220° C.
- Easy installation without the necessity of fixing to surface by nails.
- High resistance to damage during installation.

- **Armatex®: (woven PET grid, acrylate coated)**

Woven polyester geogrid for reinforcement of asphalt pavements.

### Physical Properties:

**Armatex:** woven geogrid for asphalt reinforcing (woven grid made from high tenacity PET yarns dipped by acrylate dispersion)

Technical	Method	Units	20/20	40/40	50/50	60/60	80/80	100/100
Mesh sizes	ISO 4648	mm x mm	20 x 20 35 x 35	20 x 20 35 x 35	20 x 20 35 x 35	20 x 20 35 x 35	20 x 20 35 x 35	20 x 20 35 x 35
	MD min.	kN/m	25	45	55	70	90	110
Tensile strength EN ISO 10319	CD min.	kN/m	25	45	55	70	90	110
	tolerances MD, CD		-5	-5	-5	-10	-10	-10
Elongation at break EN ISO 10319	MD	%	12.5	12.5	12.5	13	13	14.5
	CD	%	12.5	12.5	12.5	13	13	14.5
	tolerances MD, CD		±2.5	±2.5	±2.5	±2.5	±2.5	±2.5
Width (standard)		m	3.4					
Length (standard)		m	100					
Area of roll		m <sup>2</sup>	340					

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