



# XGrid FG-BC-PPL 100/100



Function: **Asphalt reinforcement**

**DESCRIPTION:** Biaxial fiber glass FG grid, bitumen compatible polymer coated, incorporating a lightweight PP non-woven geotextile

## PROPERTIES OF RAW MATERIAL

		<i>tol</i>	
Raw material		<b>FIBER GLASS</b>	
Coating		<b>Bitumen compatible polymer</b>	
Raw material of nonwoven geotextile		<b>PP</b>	
Softening point of FG geogrid	°C	<b>&gt;850°</b>	

## MECHANICAL PROPERTIES

				<i>tol</i>
Strength resistance MD - T <sub>ULT</sub>	EN ISO 10319	kN/m	<b>&gt;100</b>	
Elongation at max load MD	EN ISO 10319	%	<b>3</b>	<i>±1,5</i>
Strength resistance CMD	EN ISO 10319	kN/m	<b>&gt;100</b>	
Elongation at max load CMD	EN ISO 10319	%	<b>3</b>	<i>±1,5</i>

## TYPICAL DIMENSIONS

				<i>tol</i>
Roll width		m	<b>2,2-4-4,4-5*</b>	<i>±2%</i>
Roll length		m	<b>100</b>	<i>±2%</i>

\* other widths can be evaluated on request

**MD:** Machine direction - direzione longitudinale

**CMD:** Cross machine direction - direzione trasversale



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rev. 1/2023