

## Product information

# COMBINED MAT – Combination of roving fabric and mat



## Product description:

The combined mat is produced by sewing roving fabric with cut non-orientated e-glass fibers. The combination of roving fabric with mat units the characteristics of the single components and so saves a working step.

## Technical characteristics (target values):

<b>Mat and fabric:</b>	Glass type:	E-glass
<b>Fabric:</b>	Binding:	plain weave
	Fabric edge:	fixed cutting edge
<b>Mat:</b>	Fiber length:	50 mm
<b>Combination:</b>	Binding:	sewed with PES-threads
	Width:	standard width: 125 cm, special width von 15 – 250 cm

## Standard adjustments:

Square weight	Thickness (approx.)	Square weight		Length/roll	Roll-weight
		mat	fabric		
600 g/m <sup>2</sup>	0.9 mm	300 g/m <sup>2</sup>	300 g/m <sup>2</sup>	60	45
900 g/m <sup>2</sup>	1.3 mm	300 g/m <sup>2</sup>	600 g/m <sup>2</sup>	40	45
1050 g/m <sup>2</sup>	1.6 mm	450 g/m <sup>2</sup>	600 g/m <sup>2</sup>	40	54
1250 g/m <sup>2</sup>	2.0 mm	450 g/m <sup>2</sup>	800 g/m <sup>2</sup>	35	54

## Conditioning and packaging (standard version):

<b>Roll diameter:</b>	40 cm
<b>Rolls per pallet:</b>	15 pieces
<b>Pallet base:</b>	125 x 95 cm
<b>Average pallet net weight:</b>	700 - 800 kg

For detailed technical information of the finally valid production norm please ask for the technical data sheet.

Product information

## COMBINED MAT – glass mat needled with roving fabric



### Description:

The combined mat of needled mat and roving fabric can be draped extremely well, also in distinct crimps, corners and edges. Highly resinous unreinforced areas are prevented reliably. The roving fabric supports essentially the tensile strength. It's suitable as well for open working but also for closed processes. Needled square products are especially predestined for mold- and model making working can happen with all well-known resin systems.

### Technical data:

Type	Combined mat needled 440	Combined mat needled 600
Glass type:	E-glass	
Square weight:	440 g/m <sup>2</sup> +/-10%	600 g/m <sup>2</sup> +/-8%
1. Layer	200 g/m <sup>2</sup> mat	300 g/m <sup>2</sup> mat
2. Layer	240 g/m <sup>2</sup> roving fabric plain weave warp: 600 tex – 25/10 cm weft: 410 tex – 22/10 cm	300 g/m <sup>2</sup> grid fabric plain weave g warp: 600 tex – 25/10 cm weft: 600 tex – 25/10 cm
Width:	125 - 300 cm +/- 1%	112 cm +/- 1.5%
Roll length:	200 m	150 m

### Conditioning and packaging (temporarily):

Pallet base: 125 x 110 cm  
Average pallet net weight: 680 - 880 kg

For detailed technical information of the finally valid production norm please ask for the technical data sheet.