



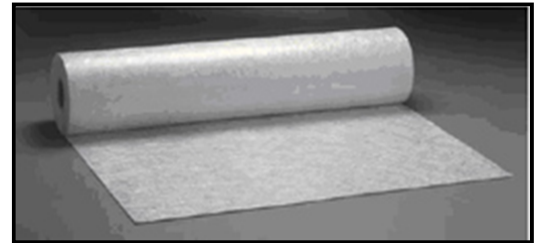
M133

Chopped Strand Mat for PU panels

This product is produced using Advantex® glass fiber. Advantex® glass fiber combines the electrical and mechanical properties of traditional E-glass with the acid corrosion resistance of E-CR glass.

PRODUCT DESCRIPTION

The M133 chopped strand mat is made with medium size strands of Advantex® Glass, chopped at different lengths to improve the tensile strength and held together by a powder binder which is extremely soluble in styrene. The basic strand has a sizing system containing a silane coupling agent. This sizing system combined with the binder properties make M133 suitable with PU resins. Advantex® glass is a patented glass formulation meeting ASTM D 578 as a boron-free corrosion resistant E-CR glass fiber and ISO 2078 recommendation for use in acid environments.



PRODUCT REFERENCE

- Example : M133 300-130 1ST
- M133 : Owens Corning product code
- 300 : surface weight (g/m²)
- 130 : roll width (cm)
- 1ST : number of trimmed edges (zero, one or two)

FEATURES AND PRODUCT BENEFITS

- Good resin wet through
- High tensile strength
- Fast impregnation
- Good fibers' bonding
- Good processability, unwinding and cutting

TECHNICAL CHARACTERISTICS (nominal values)

WEIGHT (G/M ²)	LOSS OF IGNITION (%)	MOISTURE – MAX VALUE(%)
ISO 3374: 2000	ISO 1887: 1995	ISO 3344: 1997
300 ± 20%	4.5 ± 40%	<0.2
450 ± 20%	3.5 ± 40%	
600 ± 20%	3.2 ± 40%	

VISUAL CHARACTERISTICS or POSSIBLE DEFECTS

- Unbound edges
- Holes < 40 mm in diameter or tears
- Dirt spots < 5 mm
- Unsplit strands
- Fiber accumulations < 100 mm

Maximum number of visual defects for a 100 m² roll is 6.

M133

Chopped Strand Mat for PU panels

PRODUCT AVAILABILITY (ROLL CHARACTERISTICS)

Additional weights (from 225 to 900g/m²) and widths (from 10 to 320 cm) are available upon request.

STANDARD WEIGHT (g/m ²)	STANDARD WIDTH (cm)	DIAMETER (cm)	LENGTH (cm)	WEIGHT (Kg)
300	125	39	220	86
450			150	88
600			110	86

A roll is considered to be complete if it measures more than 70% of the nominal length

PACKAGING (STANDARD REF.)

- Each roll is wound on a cardboard tube (internal diameter 101 mm) and wrapped up individually; the height is equal to the width of the mat.
Number of rolls per pallet = 9.

MAT WIDTH	PALLET DIMENSIONS	NET PALLET WEIGHT (Kg)		
(cm)	L x W x H (cm)	300 g/ m ²	450 g/m ²	600 g/m ²
125	120x120x(125+17)	774	792	774

- Special packaging: Strips are packed in cardboard boxes or palletized, according to the quantity.
Rolls higher than 2 m are placed in a wooden cage.

LABELING

Each pallet shall bear two labels with this information: product reference, net and gross weight in kg, packaging and product code, identification code of the palletized unit, and production date.

STORAGE

The M133 mat should be stored in its original packaging in a dry and cool place. Best conditions are at temperature from 10 to 35°C and humidity between 35 and 85%. If you store the product at lower temperatures, please move the soon-to-be-processed pallets to the production area 24 hours ahead of time; remove part of the protective cover of each roll to prevent condensation. You can stock pallets one on one with a plywood plank between the two.

Contact:
ChoppedStrandMats@owenscorning.com



OWENS CORNING
COMPOSITE MATERIALS, LLC
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO 43659
1.800.GET.PINK®
www.owenscorning.com
composites.owenscorning.com

EUROPEAN OWENS CORNING
FIBERGLAS, SPRL.
166, CHAUSSÉE DE LA HULPE
B-1170 BRUSSELS
BELGIUM
+32 2 674 8211

OWENS CORNING
COMPOSITE SOLUTIONS BUSINESS
ASIA PACIFIC REGIONAL HEADQUARTERS
UNIT 01,02,05,39/F, PUDONG KERRY PARKSIDE,
1155 FANG DIAN ROAD, PUDONG, SHANGHAI
201204, CHINA
+86-21-6101 9666

Advantex® glass is a patented glass formulation meeting ASTM D578 as a boron-free corrosion resistant E-CR glass fiber and ISO 2078 recommendation for use in acid environments. This information and data contained herein is offered solely as a guide in the selection of a reinforcement. The information contained in this publication is based on actual laboratory data and field test experience. We believe this information to be reliable, but do not guarantee its applicability to the user's process or assume any responsibility or liability arising out of its use or performance. The user agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production. It is important for the user to determine the properties of its own commercial compounds when using this or any other reinforcement. Because of numerous factors affecting results, we make no warranty of any kind, express or implied, including those of merchantability and fitness for a particular purpose. Statements in this publication shall not be construed as representations or warranties or as inducements to infringe any patent or violate any law safety code or insurance regulation.