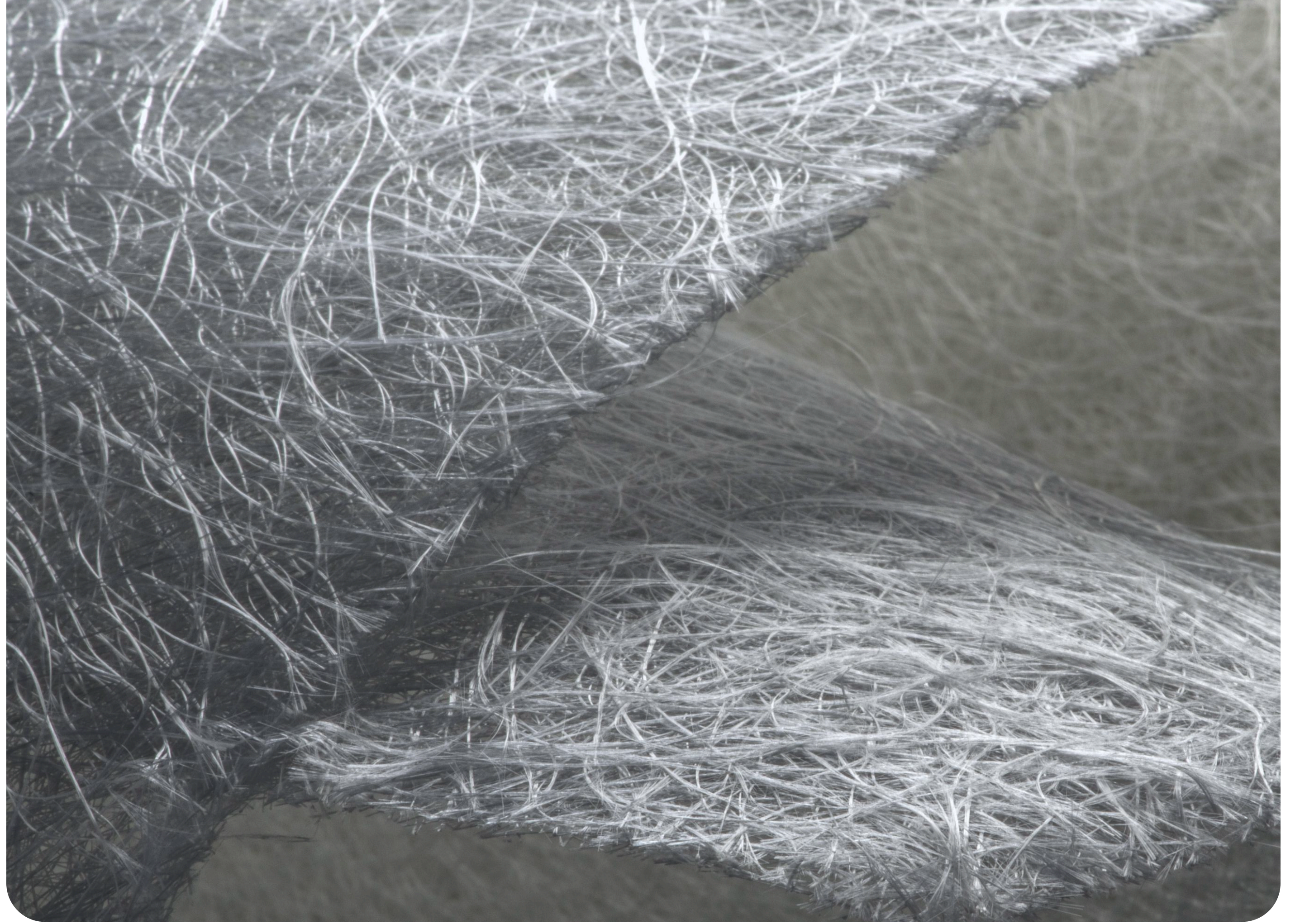


M 8630

Optimized for heavy composite panels



M 8630 is a continuous filament mat manufactured from E-CR glass filaments for press moulding applications. Its optimized porosity and insoluble binder support fast resin impregnation, reliable processing and consistent laminate quality, making it ideal for manufacturing flat, large and heavy composite panels through matched metal die moulding, RTM and S-RIM processes.

✓ Designed for flat, large and heavy composite panels.

✓ Wash-resistant binder improves processing reliability.

✓ Fast resin impregnation, including filled resin systems.

✓ Compatible with polyester, vinyl ester, epoxy and polyurethane resins.

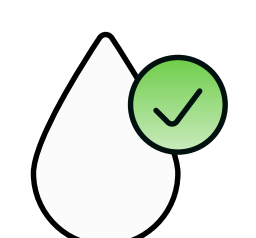
CONTINUOUS FILAMENT MAT FOR PRESS MOULDING

Product Benefits



Large Panel Performance

Designed for efficient production of flat, large and heavy composite panels while maintaining dimensional consistency.



Efficient Resin Flow

Optimized porosity promotes fast wet-through and efficient resin impregnation, including with filled resin systems.



Reliable Part Integrity

Maintains mat integrity during cutting, handling and molding, even for large-format components.



Smooth Processing

Conforms easily during molding while resisting movement under resin flow and injection pressure, supporting consistent part quality.

Application

M 8630 is engineered for press moulding applications, supporting matched metal die moulding, RTM and S-RIM for electrical equipment, transportation and infrastructure components.



Availability & Packaging

M8630 is available worldwide. Additional weights and widths are available upon request by your contact.

PRODUCT	WEIGHT ¹ (g/m²)	WIDTH ² (cm)	BUNDLE TEX	SOLID CONTENT (%)	RESIN COMPATIBILITY	PROCESS
M 8630	225 / 300 / 450 / 600	130–170	20	2.5	PU, VE, EP, UP	RTM, S-RIM

Each roll is wound on a hard carton tube with an inside diameter of 102 mm and an outside diameter of 110 mm. A PE stretch film protects the material during handling and slicing, while trimmed edges support consistent processing.

The standard roll outside diameter is 55 cm.

- Up to 210 cm width: 6 vertical rolls per pallet
- Above 210 cm width: 6 horizontal rolls per pallet

Each roll and pallet is individually identified to ensure product traceability.

Labeling

Each roll bears a label detailing the product description, product code, nominal weight, roll width, roll number, and date of manufacture.

Storage

Unless otherwise specified, it is recommended that glass fiber products be stored in a cool, dry area. Recommended long-term storage conditions are temperatures between 10 °C and 35 °C and relative humidity between 35% and 85%. While temporary deviations may occur during storage or transportation, product performance can be confirmed through routine verification testing if exposure outside these conditions has occurred for an extended period. Glass fiber products should remain in their original packaging until the point of use. To help prevent condensation, keep product in its original, unopened packaging and allow it to naturally acclimate to the workshop temperature for at least 24 hours before opening or use. Packaging is not waterproof and should be protected from weather and other sources of moisture. Although fluctuations may occur during transportation, handling, and temporary storage, products should be maintained within the recommended storage ranges after receipt to help preserve product performance. A defined shelf life has not been established for the product when stored under recommended conditions. However, retesting is recommended after three years from the date of manufacture to help ensure optimum performance.

MAKE
MORE
POSSIBLE™

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