

MEGA TRADE PRODUCTION

Fabric that connects – our reinforcement
for sustainable constructions!



Since 2020



**MEGA
TRADE
PRODUCTION**





Mega Trade Production is the first and largest North Macedonian manufacturer of fiberglass fabrics for insulation systems and facades made from high-quality recycled materials.

The road to success began in small steps with only 4 employees. This was followed by years of constant work and investment and the conquering of new markets.

Today, the company has modern offices and a production facility with a total area of 3000 m². Today, the Mega Trade Production family consists of several professionals who, through their dedicated work and skills, have not only developed themselves over the years, but also the company.

Mega Trade Production ist der erste und größte nordmazedonische Hersteller von Glasfasergeweben für Dämmsysteme und Fassaden aus hochwertigen Recyclingmaterialien.

Der Weg zum Erfolg begann in kleinen Schritten und mit nur 4 Angestellten. Dann folgten Jahre des steten Arbeitens und Investierens und das Erobern neuer Märkte.

Heute verfügt das Unternehmen über moderne Büroräume und eine Produktionsstätte mit einer Fläche von insgesamt 3000 m². Die Mega Trade Production-Familie besteht heute aus mehreren Fachleuten, die sich durch ihre engagierte Arbeit und ihre Fähigkeiten im Laufe der Jahre nicht nur selbst weiterentwickelt haben, sondern auch das Unternehmen.

Mega Trade Production DOOEL

📍 Labunishta bb 6336, Struga, North Macedonia

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☎ +49 17632532838

✉ info@megatrade.mk

🌐 www.megatrade.mk

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GRADNENIŠTVO
SLOVENIJE
NATIONAL BUILDING
AND CIVIL ENGINEERING
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European Technical Assessment

ETA-22/0475
of 14.10.2022

English version prepared by ZAG

GENERAL PART

Technical Assessment Body issuing the European Technical Assessment	ZAG Ljubljana
Trade name of the construction product	MEGAFIX 160
Product family to which the construction product belongs	04: Thermal insulation products. Components of thermal insulating kits/systems.
Manufacturer	Mega Trade Production DOOEL S Labunishata 6336 Struga North Macedonia https://www.megatrade.mk
Manufacturing plant	Mega Trade Production DOOEL S Labunishata 6336 Struga North Macedonia
This European Technical Assessment contains	6 pages
This European Technical Assessment is issued in according to Regulation (EU) No. 305/2011, on the basis of	EAD 040016-01-0404, December 2019

Translations of this European Technical Assessment in other languages shall fully correspond to the original issued document and should be identified as such. Communication of this European Technical Assessment, including translation by electronic means, shall be in full (excepted the confidential Annex(es) referred to above). However, partial reproduction may be made, with the written consent of the issuing Technical Assessment Body. Any partial reproduction has to be identified as such.



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European Technical Assessment

ETA-22/0475
of 14.10.2022

English version prepared by ZAG

GENERAL PART

Technical Assessment Body issuing the European Technical Assessment	ZAG Ljubljana
Trade name of the construction product	MEGAFIX 145
Product family to which the construction product belongs	04: Thermal insulation products. Components of thermal insulating kits/systems.
Manufacturer	Mega Trade Production DOOEL S Labunishata 6336 Struga North Macedonia https://www.megatrade.mk
Manufacturing plant	Mega Trade Production DOOEL S Labunishata 6336 Struga North Macedonia
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European Organisation for Technical Assessment



DECLARATION OF PERFORMANCE No. 002/23-Megafix 160

Unique identification code of the product-type	Megafix 160
Intended uses	Reinforcement of cementitious or cement-based renderings
Manufacturer	Mega Trade Production DOOEL
Manufacturing plant	s.Labunishata bb 6336, Struga, North Macedonia
System of AVCP	System 2+
European Assessment Document	EAD 040016-01-0404, edition December 2019
European Technical Assessment	ETA-22/0475, issued on 14.10.2022
Technical Assessment Body	ZAG Ljubljana
Notified body	1404

Declared performances

Properties	Test methods	Technical data
Reaction to fire	EAD 040016-01-0404, CL 2.1.1	NPD
Organic content/tash content	EAD 040016-01-0404, CL 2.1.2	16,9% / 83,1%
Gross heat of combustion	EAD 040016-01-0404, CL 2.1.3	NPD
Content, emission and/or release of dangerous substances	EAD 040016-01-0404, CL 2.1.4	NPD
Mesh size in warp/weft Mesh opening in warp/weft Coverage ratio	EAD 040016-01-0404, CL 2.2.5.1	5,8 mm x 5,1 mm 4,5 mm x 4,4 mm 33%
Weaving accuracy	EAD 040016-01-0404, CL 2.2.6	Not indicated
Tensile strength and elongation: - initial state - after alkalis ageing	EAD 040016-01-0404, CL 2.2.7	In initial state: > 50 kN/m and 3,4% in warp direction; > 30 kN/m and 3,6% in weft direction; After alkalis ageing: > 30 kN/m and 2,3% in warp direction; > 20 kN/m and 2,4% in weft direction;
Residual tensile strength after alkalis ageing		Residual strength after alkalis ageing: > 50 % of the as-delivered state
Mass per unit area	EAD 040016-01-0404, CL 2.2.8	180 g/m ²
Thickness	EAD 040016-01-0404, CL 2.2.9	0,47 mm
Improvement to the limitation of crack development	EAD 040016-01-0404, CL 2.2.10	NPD

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www.megatrade.mk



DECLARATION OF PERFORMANCE No. 001/23-Megafix 145

Unique identification code of the product-type	Megafix 145
Intended uses	Reinforcement of cementitious or cement-based renderings
Manufacturer	Mega Trade Production DOOEL
Manufacturing plant	s.Labunishata bb 6336, Struga, North Macedonia
System of AVCP	System 2+
European Assessment Document	EAD 040016-01-0404, edition December 2019
European Technical Assessment	ETA-22/0475, issued on 14.10.2022
Technical Assessment Body	ZAG Ljubljana
Notified body	1404

Declared performances

Properties	Test methods	Technical data
Reaction to fire	EAD 040016-01-0404, CL 2.1.1	NPD
Organic content/tash content	EAD 040016-01-0404, CL 2.1.2	16,9% / 83,1%
Gross heat of combustion	EAD 040016-01-0404, CL 2.1.3	NPD
Content, emission and/or release of dangerous substances	EAD 040016-01-0404, CL 2.1.4	NPD
Mesh size in warp/weft Mesh opening in warp/weft Coverage ratio	EAD 040016-01-0404, CL 2.2.5.1	5,8 mm x 5,1 mm 4,5 mm x 4,4 mm 33%
Weaving accuracy	EAD 040016-01-0404, CL 2.2.6	Not indicated
Tensile strength and elongation: - initial state - after alkalis ageing	EAD 040016-01-0404, CL 2.2.7	In initial state: > 50 kN/m and 3,4% in warp direction; > 30 kN/m and 3,6% in weft direction; After alkalis ageing: > 30 kN/m and 2,3% in warp direction; > 20 kN/m and 2,4% in weft direction;
Residual tensile strength after alkalis ageing		Residual strength after alkalis ageing: > 50 % of the as-delivered state
Mass per unit area	EAD 040016-01-0404, CL 2.2.8	145 g/m ²
Thickness	EAD 040016-01-0404, CL 2.2.9	0,47 mm
Improvement to the limitation of crack development	EAD 040016-01-0404, CL 2.2.10	NPD

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Technical characteristics

Technische Merkmale



Alkali resistance, acid resistance, water resistance, cement corrosion resistance and other chemical corrosion resistance, strong adhesion with resin.

Alkalibeständigkeit, Säurebeständigkeit, Wasser Beständigkeit, Zementkorrosionsbeständigkeit und andere chemische Korrosionsbeständigkeit, starke Haftung mit Harz.



High strength and light weight can effectively avoid the overall surface tension of the plasterlayer and the cracking caused by external forces.

Hochfeste und leichte Dose Vermeiden Sie effektiv die gesamte Oberfläche Spannung der Putzschicht und der Rissbildung durch äußere Kräfte.



Stiff, flat, not easy to shrink and deform, good positioning. Good toughness and good impact resistance.

Steif, flach, nicht leicht zu schrumpfen und verformen, gute Positionierung. Gute Zähigkeit und gut Schlagfestigkeit.



Fire prevention thermil insulation, sound insulation.

Brandschutz thermisch Isolierung, Schalldämmung.

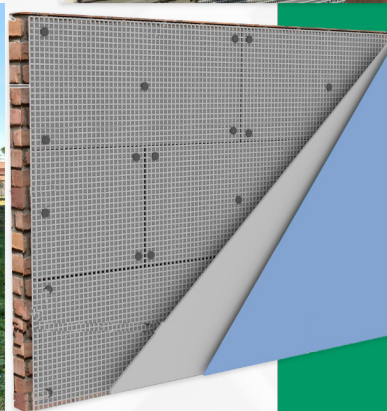
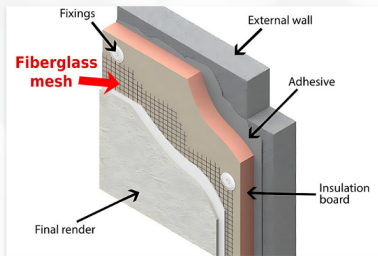


Prevent mildew and insects.

Beugen Sie Schimmel und Insekten vor.



Product Application Produktanwendung



Purpose

The grid serves to strengthen the leveling mass and forms an integral part of the thermal facade layer and the plaster substrate.

Zweck

Das Gewebe dient zur Verstärkung der Ausgleichsmasse und ist ein integraler Bestandteil der thermischen Fassade-schicht und des Putzträgers.

Purpose

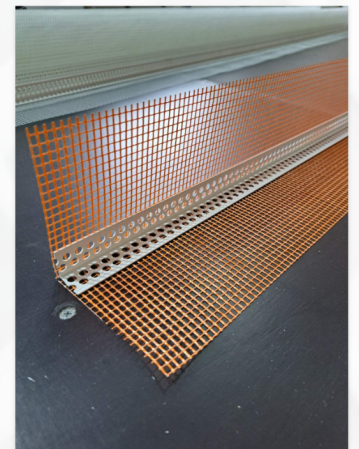
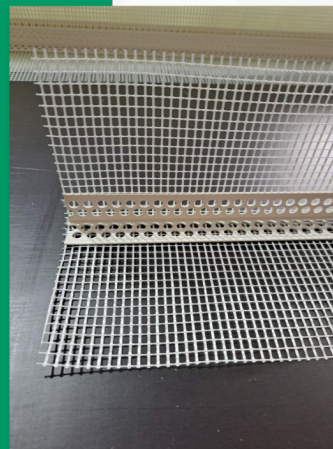
PVC fabric angles are used in building and construction applications to protect corners and edges, provide stability and ensure an aesthetic finish.

Our glass fiber fabric, which we offer in various sizes, is used for this purpose.

Zweck

PVC-Gewebewinkel finden in Bau- und Konstruktionsanwendungen Verwendung, um Ecken und Kanten zu schützen, Stabilität zu bieten und eine ästhetische Oberfläche zu gewährleisten.

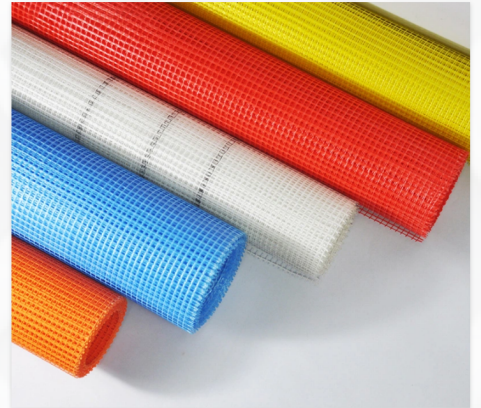
Hierfür wird unser Glasfasergewebe verwendet, das wir in verschiedenen Maßen anbieten.





Way of Production Produktionsverfahren







Technical specification 145g

Technische Spezifikation 145g

Material:
Fiberglass yarn, Modified aqueous dispersion of a carboxylated self-crosslinking butadien styrene copolymer containing a non-staining antioxidant.
Yarn type:
E-glass
Mesh size:
4 x 4 or 5 x 5mm
Mesh shape:
Square
Width:
1m (Can be customized on request)
Roll length:
50m (Can be customized on request)
Weight (m2):
145g (±5%)
Color:
White, orange, yellow, green, blue
Package:
Each roll is individually wrapped in foil and the pallet is wrapped again in cardboard.

Material:
Glasfaser-Garn, modifizierte wässrige Dispersion eines carboxylierten selbstvernetzenden Butadien-Styrol-Copolymers, das ein nicht verfärbendes Alterungsschutzmittel enthält.
Garntyp:
E-glass
Maschengröße:
4 x 4 oder 5 x 5mm
Maschenform:
Quadratisch
Breite:
1 meter (Kann auf Kundenwunsch angepasst werden)
Rollenlänge:
50 meter (Kann auf Kundenwunsch angepasst werden)
Gewicht (m2):
145g (±5%)
Farbe:
Weiß, orange, gelb, grün oder blau
Verpackung:
Jede Rolle ist einzeln in eine Folie eingepackt und die Palette wird nochmal mit einem Karton eingepackt.



Technical specification 160g

Technische Spezifikation 160g

Material:
Fiberglass yarn, Modified aqueous dispersion of a carboxylated self-crosslinking butadien styrene copolymer containing a non-staining antioxidant.
Yarn type:
E-glass
Mesh size:
4 x 4 or 5 x 5mm
Mesh shape:
Square
Width:
1m (Can be customized on request)
Roll length:
50m (Can be customized on request)
Weight (m2):
160g (±5%)
Color:
White, orange, yellow, green, blue
Package:
Each roll is individually wrapped in foil and the pallet is wrapped again in cardboard.

Material:
Glasfaser-Garn, modifizierte wässrige Dispersion eines carboxylierten selbstvernetzenden Butadien-Styrol-Copolymers, das ein nicht verfärbendes Alterungsschutzmittel enthält.
Garntyp:
E-glass
Maschengröße:
4 x 4 oder 5 x 5mm
Maschenform:
Quadratisch
Breite:
1 meter (Kann auf Kundenwunsch angepasst werden)
Rollenlänge:
50 meter (Kann auf Kundenwunsch angepasst werden)
Gewicht (m2):
160g (±5%)
Farbe:
Weiß, orange, gelb, grün oder blau
Verpackung:
Jede Rolle ist einzeln in eine Folie eingepackt und die Palette wird nochmal mit einem Karton eingepackt.



Width: 25 cm (can be customized on request)

**Breite: 25 cm (Kann auf Kundenwunsch
angepasst werden)**



**FIBERGLASS MESH FOR FABRIC ANGLES
GLASFASERGEWEBE FÜR GEWEBEWINKEL**



Contact us



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