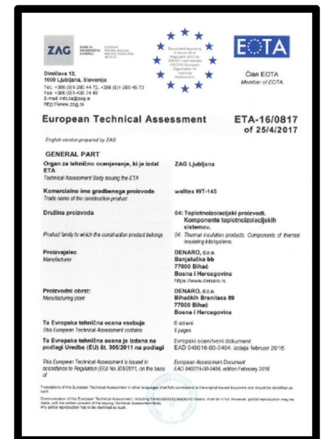
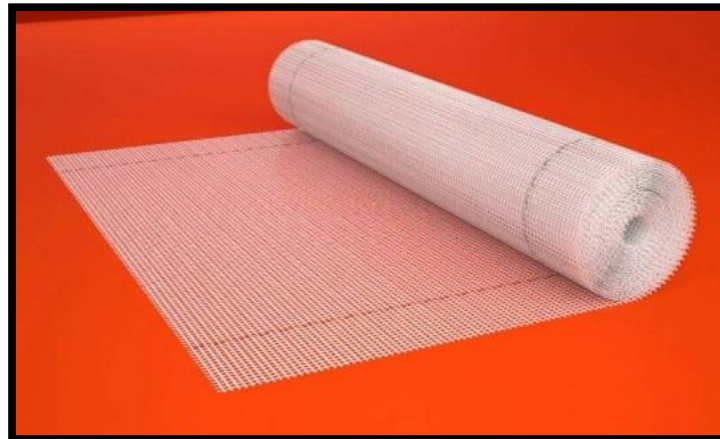


EOTA

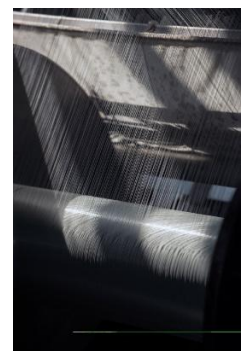
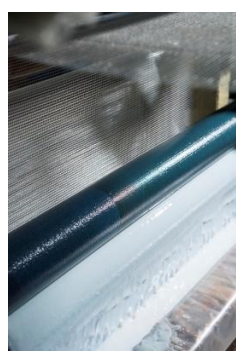
European Organisation
for Technical Assessment

Denaro was founded in 2008 in Bihać, Bosnia and Herzegovina. In the past 10 years we have been profiling as a leading retailer of roofing accessories. At the beginning of 2016, we have established a production plant for the production of façade fiberglass mesh and we want to offer our products.

Facade fiberglass mesh Walltex by Denaro



Our products are proud holders European technical assessment (ETA) and are exported to EU countries. Our products currently you can find on market in Poland, Slovakia, Germany, Hungary, Austria, etc. For the production of our mesh, we only use raw material of the E-Class and the chemical component from Germany



EOTA
European Technical
Assessment





General information



About the company Denaro



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About the our brand Walltex



Walltex fiberglass mesh is new brand on the market. But from the start of production quality recipes, tracking European standards and quality customers service created trust in our brand and brought Walltex to trade more than 300 customers at this time.

Since 2017 Walltex fiberglas mesh have European Technical Assessment (ETA) under number **ETA-16/0817** issued by **ZAVOD ZA GRADBENIŠTVO SLOVENIJE (ZAG)**



Important parameters of mesh

Type of fiber

Our mesh are made of fiberglass for high mechanical strenght in order to reinforce the render. In addition we are using E-type of glass which provides higher tensile strenght compared to C glass used by some producers.

Type of coating

We developed two main types of coating depends to requirements for our buyers.

- *Alkali resistance coating – is standard coating which provides excellent protection to the mesh and guarantees durability to the system. It meets all requirements of ETAG 004 which requires 28 days in alkali solution.*
- *Super alkali resistance coating – is developed to meet the strongest requirements because of very strong chemistry (XSBR)*

Mesh size

The mesh size of the web depends on the grammar in standard production or the customer's request. Standard variants are 5x5 for mesh 145g; 4x4 mesh for 165 grams, and 10x10 for 110 gram mesh

Initial Tensile Strenght

This represents the tensile strenght that is guaranteed before the mesh is applied into the render and exposed a highly alkaline enviroment. For ETICS systems the minimum requirment is 2000N / 5cm. Impact sensitive areas or areas exposed to increased stress such as the base of the wall should be treated with higher tensile strenght mesh.



ZAVOD ZA
GRADNENIŠTVO
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Član EOTA
Member of EOTA

European Technical Assessment

ETA-16/0817
of 25/4/2017

English version prepared by ZAG

GENERAL PART

**Organ za tehnično ocenjevanje, ki je izdal
ETA**

Technical Assessment Body issuing the ETA

ZAG Ljubljana

Komercialno ime gradbenega proizvoda

Trade name of the construction product

walltex WT-145

Družina proizvoda

Product family to which the construction product belongs

**04: Toplotnoizolacijski proizvodi.
Komponente toplotnoizolacijskih
sistemov.**

*04: Thermal insulation products. Components of thermal
insulating kits/systems.*

Proizvajalec

Manufacturer

**DENARO, d.o.o.
Banjalučka bb
77000 Bihać
Bosna i Hercegovina
<https://www.denaro.rs>**

Proizvodni obrat:

Manufacturing plant

**DENARO, d.o.o.
Bihaćkih Branilaca 89
77000 Bihać
Bosna i Hercegovina**

Ta Evropska tehnična ocena vsebuje

This European Technical Assessment contains

6 strani

6 pages

**Ta Evropska tehnična ocena je izdana na
podlagi Uredbe (EU) št. 305/2011 na podlagi**

*This European Technical Assessment is issued in
accordance to Regulation (EU) No 305/2011, on the basis
of*

Evropski ocenitveni dokument
EAD 040016-00-0404, izdaja februar 2016

*European Assessment Document
EAD 040016-00-0404, edition February 2016*

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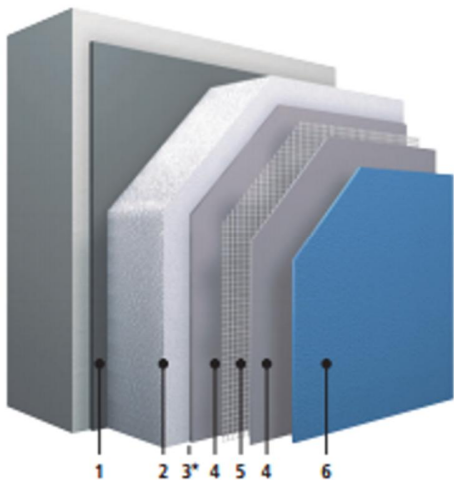


Applications

Fiberglass mesh for ETICS

House temperature is one of the most important factor which help us to feel comfortable. Thermal insulation system is the right solution to ensure thermal comfort.. When ETICS is applied the outside wall was higher heat storage ability, so if the temperature changes, the wall can absorb or release energy to keep the indoor temperature stable.

Performance requirement for the complete system and components are ***specified by ETAG 004***. This document is guideline for European Technical Approval of external thermal insulation composite systems.



- 1 Bonding
- 2 Insulation
- 3 Additional mechanical fastening
* not shown
- 4 Undercoat
- 5 Reinforcement
- 6 Finishing coat

ROLE OF WALLTEX MESH IN THE SYSTEM

Variations of external temperature, contact of two different substrates (typically EPS and mineral wool) render shrinkage and movement of the insulating panels may cause cracks on the surface of the system. These cracks can damage the whole system by allowing water infiltration and mould development. Similar problem can appear due to impact. For this reason ***fiberglass mesh is a mandatory component of ETICS system.***

Technical characteristic WT 110

1.	Type:	Walltex WT-165
2.	Lenght:	1 X 50m
3.	Intended use of construction product	For reinforcement of cement based renderings
4.	Producer:	DENARO D.O.O. P.J. PROIZVODNJA Bihaćkih branilaca 89 77000 Bihać Bosnia and Herzegovina
5.	System of assessment and verification of constacy of performance of the construction product:	System 2+
6.	Technical Assessment Body:	No need
7.	Information about harmonised standard and notified body:	No need

Essential characteristics	Performace	Harmonized tehncial specification
Reaction on fire class according to Commission Delegated Regulation (EU) 2016/364:	No performance assessed	No need
Contentand/or release of dangeorus substances:	NPD	
Mesh size:	(9,80X9,68) mm	
Weaving accuracy:	Pass	
Organic content:	No performance assessed	
Tensile strength and elongation:	No performance assessed	
Mass per unit area:	≥110 g/m ²	
Thickness:	(0,83) mm	

DENARO doo

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 TR: Raiffeisen bank 1610350044120007 ► UniCredit banka 3385002261186707 ► NLB 1322602010989863

Technical characteristic WT 145

1.	Type:	Walltex WT-145
2.	Lenght:	1 X 50m
3.	Intended use of construction product	For reinforcement of cement based renderings
4.	Producer:	DENARO D.O.O. P.J. PROIZVODNJA Bihaćkih branilaca 89 77000 Bihać Bosnia and Herzegovina
5.	System of assessment and verification of constacy of performance of the construction product:	System 2+
6.	Technical Assessment Body:	ZAVOD ZA GRADBENIŠTVO SLOVENIJE LJUBLJANA issued ETA-16/0817
7.	Information about harmonised standard and notified body:	ZAVOD ZA GRADBENIŠTVO SLOVENIJE LJUBLJANA notified body No. 305/2011 issued certifikate under system 2+. Number of certifikate ETA-16/0817 of 25.04.2017

Essential characteristics	Performace	Harmonized tehcnical specification
Reaction on fire class according to Commission Delegated Regulation (EU) 2016/364:	No performance assessed	ETA-16/0817
Contentand/or release of dangeorus substances:	NPD	
Mesh size:	(4,26X4,40) mm	
Weaving accuracy:	Pass	
Organic content:	27,62%	
Tensile strength and elongation:	Pass	
Mass per unit area:	≥145 g/m ²	
Thickness:	(0,53 03) mm	

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Technical characteristic WT 165

1.	Type:	Walltex WT-165
2.	Lenght:	1 X 50m
3.	Intended use of construction product	For reinforcement of cement based renderings
4.	Producer:	DENARO D.O.O. P.J. PROIZVODNJA Bihaćkih branilaca 89 77000 Bihać Bosnia and Herzegovina
5.	System of assessment and verification of constacy of performance of the construction product:	System 2+
6.	Technical Assessment Body:	ZAVOD ZA GRADBENIŠTVO SLOVENIJE LJUBLJANA issued ETA-16/0817
7.	Information about harmonised standard and notified body:	ZAVOD ZA GRADBENIŠTVO SLOVENIJE LJUBLJANA notified body No. 305/2011 issued certifikate under system 2+. Number of certifikate ETA-16/0817 of 25.04.2017

Essential characteristics	Performace	Harmonized tehnicl specification
Reaction on fire class according to Commission Delegated Regulation (EU) 2016/364:	No performance assessed	ETA-16/0817
Contentand/or release of dangeorus substances:	NPD	
Mesh size:	(3,76X3,40) mm	
Weaving accuracy:	Pass	
Organic content:	28,47%	
Tensile strength and elongation:	Pass	
Mass per unit area:	≥165 g/m ²	
Thickness:	(0,7) mm	

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