

EnveoTherm Excellent

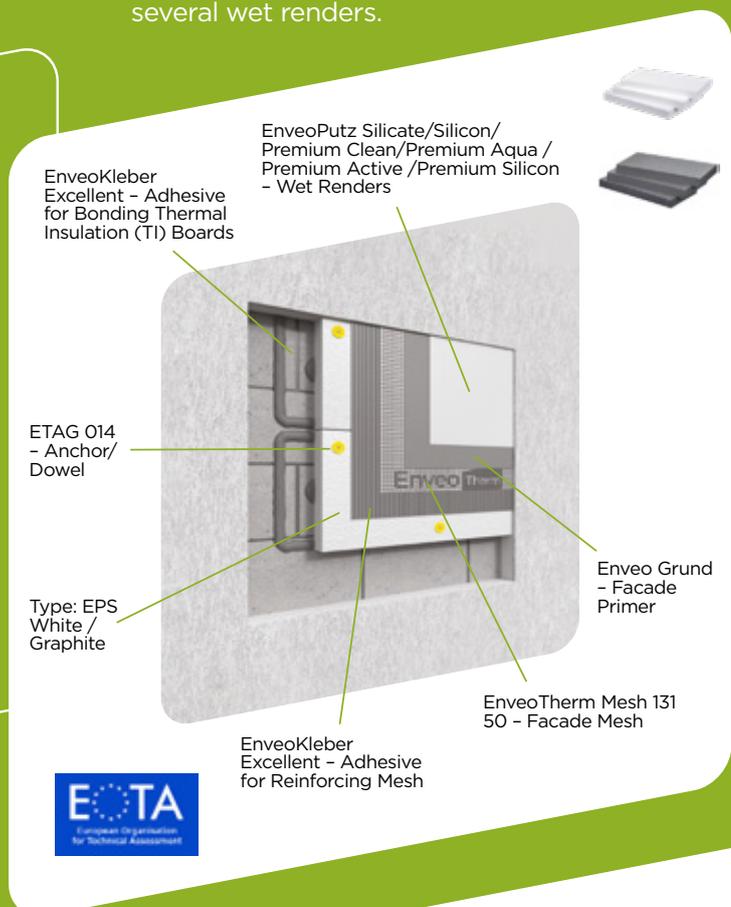
THERMAL INSULATION SYSTEM FOR CONTACT FACADE WITH WHITE OR GRAPHITE STYROFOAM

EnveoTherm Excellent is a certified facade system designed for residential and commercial buildings, suitable for both new constructions and renovations of older structures. The system's durability and thermal insulation are ensured through selected Enveo products, which, when combined, create a high-quality facade assembly designed to make the facade durable.

The insulating element of the system can consist of either white or graphite styrofoam, while the final decorative layer offers a choice between several wet renders.

Benefits of the system

- Protects structural elements and extends the building's lifespan
- Saves energy during heating and cooling
- Prevents thermal bridges and improves the facade's aesthetic quality
- Increases the building's value
- Creates a more comfortable indoor environment



Composition of the ENVEO Facade System

COMPONENT	PRODUCT	CONSUMPTION
Adhesive for Bonding	EnveoTherm Excellent	≥ 5.0 kg/m ²
Insulation Board	EPS White / EPS Grey	1.0 m ² /m ²
Dowels	All with ETAG 014	≥ 5 pcs/m ²
Reinforcement Adhesive	EnveoKleber Excellent	≥ 5.0 kg/m ²
Facade Reinforcement Mesh	EnveoTherm Mesh 131 50	1.1 m/m ²
Facade Primer	Enveo Grund	0.25 kg/m ²
Wet Renders	EnveoPutz Silicate / Silicon / Premium Clean / Premium Aqua / Premium Active / Premium Silicon	2.0–3.5 kg/m ²

Installation Instructions



1. Bonding of Insulation Boards

Bond the thermal insulation boards made of white or graphite styrofoam to the previously prepared substrate using EnveoTherm Excellent adhesive by applying the perimeter-dot method. When bonding the boards, place them tightly next to each other, ensuring that the joints do not align with the edges of openings. Detailed instructions for substrate preparation, adhesive preparation, and product installation can be found in the product's technical data sheet via the QR code or at www.testisthebest.com



2. Anchoring

Anchoring can be performed no sooner than 48 hours after bonding. Install anchors through the adhesive at the joints of the boards and through the center of the boards. The minimum number of anchors per m² must be at least 5; however, the exact number should be calculated by an engineer based on the building's height, wind zone, etc. Detailed instructions about the product can be found via the QR code or at www.testisthebest.com



3. Reinforcement with Facade Mesh.

Before reinforcing the complete surface, install the necessary profiles with mesh (corner, drip, contact, etc.) and reinforcements at the corners around openings. Perform the reinforcement with EnveoKleber Excellent adhesive using EnveoTherm Mesh 131 50 facade mesh, ensuring a 10 cm overlap so that the total thickness of the layer after covering the mesh with adhesive is at least 4 mm. During installation, position the mesh within the outer third of the adhesive layer to ensure high resistance of the system to external influences. Detailed instructions about the products can be found via the QR code or at www.testisthebest.com



4. Installation of Facade Primer

Apply Enveo Grund primer to the well-dried EnveoKleber Excellent in one or two layers. It is essential that the surface is completely covered with white or tinted primer according to the shade of the facade plaster from the EnveoTherm Mix system. Detailed instructions about the product and its application can be found via the QR code or at www.testisthebest.com



5. Installation of Decorative Facade Plaster

Before use, thoroughly mix EnveoPutz wet renders and prepare the material for the designated surface. After that, proceed with the installation of the product in a synchronized manner, keeping the material joints in a "wet-on-wet" principle to ensure they are not visible after completion. The air and substrate temperature during installation and drying must not be lower than 5°C or higher than 30°C. Protect the material from adverse atmospheric conditions for at least 24 hours. Detailed instructions about the products can be found via the QR code or at www.testisthebest.com



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Technical information stated herein as well as recommendations are based on our knowledge and experience in cases when the product is properly stored, used, transported and when handled in regular conditions. The buyer, or the user of the product is advised to test the product, if it is suitable for use for intended purpose. Considering the fact, we do not have influence on the circumstances of product use and handling, we shall not be liable for consequences occurring from irregular use. The buyer, or the user of the product shall be liable in case the product is kept, transported, installed and used contrary to instructions, purpose and properties and information on product safety, as well as after stated expiration date for product use. Our team of experienced experts provides advice in phases of planning and application of our products. Visit to the construction site and demonstration of application of our products may be organized at request. Complaints submitted after the completion of work will not be accepted. Contact our technical team and find out more on our products on the website www.saint-gobain.rs. This technical data sheet is valid from 01.03.2025 and supersedes all previous versions for this product.

Enveo Therm

FACADE SYSTEMS THAT ALWAYS FLOURISH

EnveoTherm is a unique insulation system, composed of the highest quality formulas, which has stood up to the toughest tests. Its variability, durability and wide range of colours will immediately win your attention.

www.testisthebest.com

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