Don ETICS GP

External Thermal insulating systems (ETICS)

DESCRIPTION

Don ETICS GP is an External Thermal Insulation Composite System (ETICS) designed for diverse construction needs. It encompasses cement-based adhesives, insulation, mesh reinforcement, and decorative plaster, providing versatility for various projects.

This system enhances thermal efficiency, durability against water and frost, impact resistance, and preserving energy within the built structure.

The Don ETICS GP System consists of the following components:

Thermofix Range:

i. **Thermofix GP**: a cementitious adhesive base coat plaster for external wall insulating systems with improved bond strength.
ii. **Thermofix PRO**: a flexible cementitious adhesive base coat and protective top coat plaster for external wall insulating systems.
iii. **Thermofix Flex**: a highly flexible cementitious adhesive base coat and protective top coat plaster for external wall insulating systems.

Don Insuboard XPS: Fire-rated extruded polystyrene insulation board.

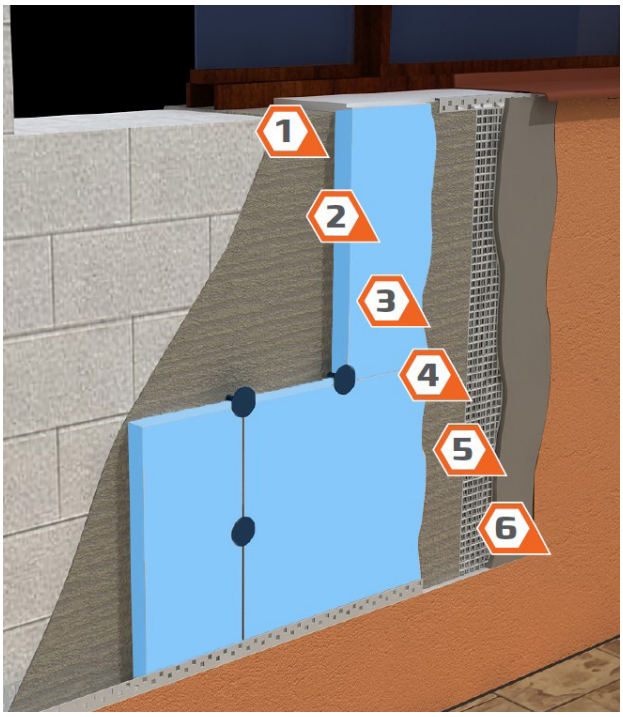
Don Insuboard EPS: Expanded polystyrene insulation board.

DonFiber Mesh: A high quality fiber glass reinforcement mesh especially designed to reinforce a wide variety of waterproof coatings such as cementitious, bituminous and acrylic waterproofing materials.

Proplast Acrylic: A high performance ready to use, thin-layer decorative plaster for internal and external applications.

PRODUCT INFORMATION

Technical Properties	Refer to the individual product Technical Data Sheet.
Storage	Refer to the individual product Technical Data Sheet.



	Layer	Product
1	Adhesive	**Thermofix GP** OR **Thermofix PRO** OR **Thermofix Flex**
2	Thermal Insulation	**Don Insuboard XPS OR Don Insuboard EPS**
3	Base Coat (First coat)	**Thermofix PRO** OR **Thermofix Flex**
4	Reinforcement	**DonFiber Mesh**
5	Base Coat (Second coat)	**Thermofix PRO** OR **Thermofix Flex**
6	Finishing Coat	**Proplast Acrylic**

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APPLICATIONS

Don ETICS GP System is versatile and suitable for a wide range of construction projects. It finds use in residential, commercial, and industrial settings, offering solutions for improving energy efficiency, moisture protection, and overall building aesthetics.

ADVANTAGES

- Easy to apply.
- Enhanced thermal characteristics.
- High water and frost resistance.
- High impact resistance.
- High compressive strength.
- Improves energy efficiency.
- Lightweight construction.
- Offers a wide range of finishes and textures.
- Improves acoustic insulation.

METHOD OF USE

SUBSTRATE PREPARATION

All surfaces must be clean and free from dust, paint, oil, grease or loose materials. Substrate should be dimensionally stable. Allow time for shrinkage and structural strain movements.

ADHESIVE (THERMOFIX GP/PRO/FLEX)

Apply the suitable mortar in a strip, on the edges around the insulation board with a few spots in the middle (3 - 4 points minimum). In case of a smooth base material, a notched trowel can be used to spread the mortar on the back of the insulation board.

THERMAL INSULATION (DON INSUBOARD XPS/EPS)

Lay the insulation panels in horizontal rows, beginning at the bottom and working upwards. Arrange them in a staggered, brickwork pattern, ensuring that the edges of the boards are butted closely together to create a flush, seamless bond.

When securing the insulation panels with mechanical fixings, allow the adhesive to fully harden before proceeding.

BASE COAT – 1ST COAT (THERMOFIX PRO/FLEX)

Apply the suitable base coat with a notched trowel (tooth size 8 - 10 mm), evenly on the surface of the thermal insulation boards.

REINFORCEMENT (DONFIBER MESH)

Place the fibreglass mesh, and press with a notched trowel so that the mixture comes out over the mesh. Smooth the layer, ensuring that the reinforcing mesh remains in the top layer, approximately 1/3 depth.

It is important that the mesh is applied while the coat is still wet in order to ensure full contact.

BASE COAT – 2ND COAT (THERMOFIX PRO/FLEX)

Overcoat the fiber mesh with the second coat of the base coat. We recommend re-plastering after 24 hours so that the contour of the grid is not marked.

FINISHING COAT (PROPLAST ACRYLIC)

Before the application, Proplast Acrylic shall be thoroughly stirred using a slow speed agitator.

The material is applied with a stainless steel trowel. Different textures are obtained especially if a floating trowel is used where the working action can be done in circles, horizontally or vertically.

Note: Please refer to the individual data sheets provided for each product for Mixing instructions.

CLEANING

All tools should be cleaned immediately after use with fresh clean water. Hardened materials should be cleaned mechanically.

PACKAGING

Thermofix GP, PRO and Flex are available in 25 kg bags.
DonFiber Mesh is supplied in 1 m width x 50, 100 or 200 m length rolls.
Proplast Acrylic is available in 10 kg buckets and 25 kg pails.

COVERAGE

Thermofix GP, PRO and Flex have a yield of approximately 3 – 6 kg/m².

For Proplast Acrylic, please refer to the data sheets provided for information on the product's coverage.

CAUTIONS

HEALTH AND SAFETY

Consult the appropriate Material Safety Data Sheet prior to using Don ETICS GP System.

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MORE FROM DON CONSTRUCTION PRODUCTS

A wide range of construction chemical products are manufactured by DCP which include:

- Concrete admixtures.
- Surface treatments
- Grouts and anchors.
- Concrete repair.
- Flooring systems.
- Protective coatings.
- Sealants.
- Waterproofing.
- Adhesives.
- Tile adhesives and grouts.
- Building products.
- Structural strengthening.