



SAAK THERM FIX

Flexible cementitious adhesive base coat and protective top coat plaster for external wall insulating systems (ETICS/EIFS)

DESCRIPTION :

A high performance, polymer modify Portland cement base which is designed as a synthetic stucco finish and adhesive for expanded polystyrene insulation boards. It is also ideal for embedding fiber glass mesh fabric wherever required.

ADVANTAGE :

- Easy to apply.
- Improved water and frost resistance.
- Improved impact resistance.
- Improved compressive strength.
- Improved bond strength.
- Requires no primer.

EPS Board (Expanded Concrete Backer Board):

- Masonry
- Fiber mesh reinforced concrete backer board
- Brick
- Metal wire lathe
- Clean and unpainted concrete
- Exterior grade gypsum sheathing
- Embedding fiberglass reinforced mesh fabric

TECHNICAL DATA :

Appearance	Grey
Density at 25°C	1.8 kg/L
pH in water dispersion at 25°C	>12
Complete curing	28 days
Water resistance	Very good
Resistance to moisture	Excellent
Compressive strength after 28 days	Up to 15 N / mm ²
Tensile adhesion strength 28 days standard condi-	0.15 N/mm ²

Application :

To fix the insulation board to the wall, apply spots of material to the back of the board at least 5 mm thick and 50 mm in diameter, making sure that the material covers minimum 50% of the board. An alternative method is to cover the entire back of the insulation board with the product using a 10 mm notched trowel. Place insulation board on wall and push firmly. Using a block of wood, apply equal and even pressure to allow maximum bond to be achieved. After fixing the insulation board to the wall, wait for 24 hours before coating the face of the insulation board.

Cut the mesh fabric into pieces that are manageable. For lightweight to medium weight fabrics, allow for a 50 mm overlap. Heavy mesh fabrics do not need to be overlapped, however, care must be taken to fix the edges firmly together. Using a flat stainless steel trowel, apply Base Coat of SAAK THERM -510 to the entire face of the insulation board to a uniform thickness of 2 – 3 mm. Immediately place the reinforcing mesh against the wet SAAK THERM -510 mixture. Trowel from the center to the edges with the curve of the mesh against the wall, avoiding wrinkles. Apply until the mesh is fully covered and not visible. The overall minimum Base Coat thickness must be sufficient to fully embed the reinforcing mesh. Allow SAAK THERM -510 coat with embedded reinforcing mesh to dry hard (normally 24 hrs.) prior to application of decorative topcoat.

MIXING :

Pour into container about 4- 5 Liters of clean water then slowly add 20kg of SAAK THERM -510 and mix all obtaining a homogeneous mix using a slow speed electric drill. Mix all smooth, trowel able consistency is obtained. Allow the mix to stand for 5 minutes then remix again. Do not use any additives. Do not mix more material than can be applied within product open time. Partial mixing is not recommended.



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CLEANING :

Tools and equipment should be cleaned with water immediately after use. Hardened materials should be mechanically removed.

SHELF LIFE:

Storage:

Store in dry covered place in the original closed bags. In these conditions, the product shelf life is 12 months from production date.

PACKAGING :

SAAK THERM -510 is supplied in 20kg bags.

HEALTH AND SAFETY :

SAAK THERM -510 is a cement-based product. During application, wear appropriate protective clothing, goggles, gloves and respiratory equipment if necessary. In case of contact with skin, rinse with water and again wash thoroughly with soap and water. In case of contact with eyes, rinse with plenty of water and seek medical advice accordingly. If ingested, obtain medical attention immediately. Do not induce vomiting.

SAAK also provides various technical information such as CAD details, detailed method statements, specification clauses, application manuals, product selectors and technical support both in contractors and consultants offices as well as construction sites. For further information on these products and systems kindly check our website or contact your local SAAK representative.

