

AlfaFIX TIS

Technological instructions no. 21-2

Safety sheet no.

21b

Composition

polymer binding substances, fillers, biocide agents (protection against moulds, fungi and algae)

General description

AlfaFIX TIS is one component adhesive and backfilling cement. It is used for adhesion of insulation board materials of external thermal insulation composite systems (ETICS) of stomixTHERM line and in combination with glass mesh as base layer of board structural materials.

Merits

The hardened material ensures flexible adhesion of attached parts. In combination with glass mesh the material forms flexible seamless layer.

Unit of measure

kg

Consumption per m²

1,5-3,6. Consumption depends on use, way of adhesion and base flatness.

Spreading capacity

9,8

Grain size

not mentioned

Packing

The product is packed in 25 kg plastic portable buckets.

Customs code

3214900000

Colour scheme

natural tint

Thinning

It is applied in consistency delivered by the producer.

Bases

It can be attached to common bases (consistent fixed render, concrete, gas silicate, foam concrete, burnt building materials, plaster boards, chipboards). The adhesion is not possible to lime or glue paints. Such instable layers must be removed before application by regrating or grinding. When attached to not firm and volume unstable bases (cement-fibre, chipboards, wood-fibre boards, fibreglass etc.) especially in spaces exposed to significant changes of humidity and temperatures, the corresponding base preparation and adhesion technology must be set according to concrete conditions by consultation with the producer. Absorbent bases are impregnated by penetration solution. A double penetration must be done with highly absorbent bases or bases repaired by previous regrating of lime or glue paints. For base impregnation the penetration coatings NL, EH or AD are used, eventually painting by the HC-4 base paint. At surface treatment of insulation board materials for application of seamless base layer under final render the levelling of bases by regrinding is made. Lightweight not absorbent bases – EPS, regrund polyurethane or expanded polystyrene need not be impregnated.

Warning

The mentioned information are compiled upon current status of technique. They represent general instructions upon our application experience and material test results. However they cannot include local conditions at its application and due to this any legal liability cannot be deduced from them. In doubt or need of solution of specific technical questions please contact us.

Preparation of the material

The material is delivered in suitable consistency for application. Before use it is only mixed, the best by a mixing adapter on electric drill. The mixing time is 1 to 2 minutes according to the mixing device. The material is processed under temperatures from +5 to +30 °C, while temperature of the base, attached material, dry mixture and water before mixing must also be within this temperature range.

Workability period

not mentioned

Description of application

Spreading of adhesive and backfilling materials is done by means of tooth applicator with teeth height of 3 to 10 mm onto the prepared base. Spreading of the material over insulation board materials is done in points over the board circuit in order the flatness and stiffness of the facing insulation side are ensured. Application of seamless backfilling is done by a stainless smoother or tooth applicator eventually. Into a layer of minimal thickness of 3 mm is pushed the glass mesh and for levelling of the surface a backfilling in sufficient thickness is applied. Adjacent surfaces (windows, doors, banisters, switchgear boxes etc) must be protected against pollution by a suitable foil, removable or protective paints etc. Any polluted area must be cleaned in time because removal of dried material is difficult.

Flatness requirements

not mentioned

Climatic conditions during application

Range of working temperatures is from +5 to +30 °C, while the temperature of the base, attached material and adhesive cement must also be within the said range. It is not recommended to realise the works under rain nor under higher temperatures on directly sunlit surfaces. In such a case the directly sunlit surfaces should be suitably shaded. The applied material must be suitably protected against frost and rain until complete drying.

Safety regulations

AlfaFIX TIS is not a flammable liquid in the sense of the ČSN 65 0201 standard. It does not contain any toxic organic solvents. It is not classified as a dangerous substance (preparation) in the sense of the Act. no. 356/2003 Coll. as amended.

First aid

Protect your eyes and skin against stain, do not eat, smoke nor drink during the work. After the work wash your hands with water and soap and apply and reparation cream. If your eyes are hit, rinse them with water minimally for 15 minutes. If consumed immediately rinse mouth, drink minimally 0,5 l of water, do not invoke vomiting and always seek medical help.

Recommended tools

tooth applicator with tooth height of 3 to 10 mm, stainless smoother

Quality

The product is certified for the mentioned use and tested by accredited testing laboratory. At production the product is controlled by the company laboratory subject to the certified quality management system subject to the ČSN EN ISO 9001 standard.

Storage

The product must be stored in original packing protected against humidity, direct sunlight under temperatures minimally +5 °C. Under the mentioned conditions is the storage life 6 months from the production date. Production date is marked on the packing.

Liquidation

Liquidation of not used remains is done by avoidance of access of air and after drying it is liquidated as building waste. Used packaging is liquidated as other waste according to the valid legislation.

