ALFAFIX S2 (grey)

Technological instructions no.: 25-2

Safety sheet no.:
25

Composition:
hydraulic and polymer binding substances, modifying additives, fine-grain fillers

General description:
ALFAFIX S2 is dry adhesive material. It is used for adhesion of insulation board materials of external thermal insulation composite systems (ETICS) of STX.THERM line, further for adhesion of ceiling tiles, prefabricated parget profiles.

Merits:
The hardened material ensures a frostproof adhesion of attached materials. High adhesion to selected types of materials.

Unit of measure:
kg

Consumption per m2:
2,7 to 5,0 kg/m2. Consumption depends on use, way of adhesion and base flatness.

Spreading capacity:
6,5 m2 / bag (25 kg), depending on the use, use of bonding and flatness of the base

Grain size:
not mentioned

Packing:
The product is packed in 25 kg laminated paper bags

Customs code:
3214900000

Colour scheme:
grey tint

Thinning:
The material is prepared by mixing of 100 weight parts of dry ALFAFIX S2 material into 24 to 27 weight parts of water according to the required consistency.

Bases:
ALFAFIX S2 is adhesive cement for adhesion of thermal insulation board material onto common surfaces (concrete, gas silicate, plaster boards, brickwork) in interior and exterior. It is not designed for volume unstable bases. The adhesion is not possible to previous lime or glue paints. Such paints must firstly be removed by regrating or regrinding. 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.

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 prepared by mixing of 100 weight parts of dry ALFAFIX S2 material into 24 to 27 weight parts of water according to the required consistency by means of mixing stirrer. It is mixed under low revolutions 2 to 10 minutes according to the stirrer type and after 10 minutes of maturing and short mixing the material is prepared for use. Adding of other mixing water or additives is prohibited. The material is processed under temperatures from +5 °C to +30 °C, while temperature of the base, attached material, dry mixture and water before mixing is also within this temperature range.

Workability period:
After 10 minute maturing of the mixed material shortly mix it again and process the material within 90 minutes.

Description of application:
Spreading of adhesive and backfill 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. 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 °C 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.

Security (S-theorems):
S 2 Store out of reach of children.
S 22 Do not breathe the dust.
S 26 If eyes are hit immediately and thoroughly rinse them out and seek medical help.
S 36/37/39 Use suitable protective clothing, gloves, goggles or face sheet.

Security (R-theorems):
R 36/37/38 Irritating for eyes, respirator organs and skin.
R 43 May provoke sensibilisation at skin contact.

Safety regulations:
The product contains cement and as such it is classified in the sense of the Act no. 356/2003 Coll. as amended as an irritating substance with warning symbol Xi. Protection of respirator organs is not necessary if the highest admissible concentration of 10 mg/m3 is kept. Product during storage life meets the legislative requirements for the content of soluble hexavalent chromium.

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 10 to 3 mm

Quality:
The product as defined ETICS component is in conformity with requirements resulting from the CE marking. 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 ?SN 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 watering and depositing of the hardened inert substance as a building waste. Used packaging is liquidated as composite waste according to the valid legislation.

STOMIX, spol. s r.o., 790 65 Žulová 178, tel.: +420 584 484 111, fax: +420 584 484 112 - info@stomix.cz, www.stomix.cz
The company is registered in the Commercial Register at the Regional Court in Ostrava, part C, Insert 10601