

LICO MIX S

universal glue putty for EPS and mesh



Instructions of Use

Before installing thermal insulation, surface must be even, dry, clean, with limited absorptiveness, free of any organic, mechanical and microbiological contaminations. Eliminate any surface unevenness and cracking. For surfaces with dubious stability, make trial spot installation of material samples and after min. 3 days make controlled tear off test. In case of any doubt, poor surface must be removed or strengthen with "Lico Grunt Uniwersalny", and unevenness removed.

After opening packaging, pour anticipated for use portion of dry mixture to a container with water - in the amount ca. 6 l per bag. It is recommended to mix entire package. Agitate the content using slow rotating mixing device. So prepared grout leave to "mature" for 5-10 minutes. Then, repeat mixing to have suitable working consistency. If required, regulate addition suitable amount of water. Such prepared adhesive grout maintain its working properties; depending on ambient conditions, for ca. 2.5 hour.

1. Installation of thermal insulation panels - On prepared and dry surface you may install thermal insulation panels, using a comb or circumference-spot method. After mounting on the wall the panel should adhere to it with the surface minimum 60%. Any installation corrections may be performed only in short time, otherwise the grout adherence may weaken. Adhesive grout is a basic factor that joins the thermal insulation with the wall. Additional attachment using mechanical joints is made based on the technical design of facade, or in case of any doubts about surface on which the thermal insulation was adhered. You may start installation of additional mechanical joints after 24 hours after sticking thermal insulation panels at optimal conditions for the adhesive grout setting. Number and type of joints must be specified in the technical design.

2. Reinforcing layer - You may start to make the reinforcing layer after ca. 48 hours after installation of the thermal insulation panels. Panel surface must be made even before, dust removed and places where possible mechanical joints were attached made even with a adhesive grout for EPS and dry, to avoid "flowing out" grout when the net is embedded. Reinforcing net must have suitable resistance to breaking, bending and aggressive substances in the adhesive. It is best to perform net embedding with the method "wet on wet", i.e. applied layer ca. 3 mm of adhesive grout comb with a toothed spatula, and then embed the reinforcing net evening its surface and pressing so that the grout layer ca. 1 mm remains on its surface. After completing one band of reinforcement, mount the next one with net overlap min. 10 cm. Joint of two reinforcement layers make even to possibly mask the place of joint. It has significant effect on later next decorative layers. Additional use of corner reinforcements, dilatation and securing of sensitive place, e.g. flashing, make in accordance with the technical design.

Product Characteristics

Glue mortar for installing EPS insulating panels of LICO MIX thermal insulation system, laid using *light wet* method. Can be used for filling in wall cracks and damages indoors and outdoors, and for fixing light decorative profiles. It is composed of selected mineral fillers, hydraulic binders, polymers and other modifying substance that ensure suitable performance and application. It is characterized by high adherence and high resistance to mechanical loads. It is frost and water resistant, vapour-permeable and elastic. Its physical and chemical properties ensure its high resistance to changing ambient conditions.

Recommendations

Product must stored in original closed manufacturer's packaging in dry rooms **with temperature above +5 °C**. Shelf life is 12 months of the date of production.

Notes

Ambient temperature during the adhesive grout application and setting should be in extent from +5°C to +25°C. Drying of reinforcement layer at humidity between 60 and 75% is ca. 3 days. During this time, protect surfaces from sunlight, rain, mist and wind until complete drying, it is not allowed that temperature drops or rises beyond values specified by manufacturer. Unfavourable atmospheric conditions during setting process (high humidity, low temperatures) significantly prolong plaster drying time, even up to several weeks. Product is supplied in the form of ready-to-use mixture only to add water in site and any intervention in its qualitative and quantitative composition excludes manufacturer's responsibility for final effect with its use. Too fast drying due to high temperature or drying effect of wind may cause micro-cracks that significantly shorten life of the reinforcing layer. In case of possible capillary effect or constant surface wetness, eliminate the cause. In case of contact with eye, flush it abundantly with water and consult physician. Keep out of reach of children. Wash your tools with water directly after work. Any spillage remove before drying. This product is an integral elements of LICO MIX systems. Using with other products may exclude manufacturer's responsibility for any negative effects of such combinations. Information given in the Instruction are to ensure optimal use of the product, however they do not bring any legal responsibility for the manufacturer, as the manufacturer has no control over conditions of use. Manufacturer shall not be liable for any use of product not in compliance with instructions on the packaging. In case of complaint it is required to keep number of production batch and a purchase evidence.

Technical Data

Consumption of dry mixture:	~4,0-6,0 kg/m ² (adhering EPS), ~3,0-5,0 kg/m ² (net embedding and evening)*
Volumetric density:	1,64 g/cm ³ ±10%
Adherence to EPS:	≥ 0,1 Mpa
Adherence to concrete:	≥ 0,6 MPa
Ambient temperature:	+5°C do +25°C
Resistance to temperature:	freeze resistant
Grout workability period:	ca. 2,5 h
Packaging:	25 kg,
Pallets:	1050 kg

* depends on temperature conditions, type and absorptiveness of surface

Safety classification

Contains cement.

H315 Irritating effect on skin.

H317 May cause skin allergic reaction.

H318 Causes eye irritation.

H335 May cause respiratory tract irritation.

P102 Keep out of reach of children.

P261 Avoid inhalation of dust / smoke / gas / mist.

P280 Wear protective gloves/eye protection/face protection.

P302+P352 In case of contact with skin: wash abundantly with water and soap.

P303+P361+P353 SKIN CONTACT (or hair): Immediately remove/take off contaminated clothes. Flush skin under water jet/shower.


P304+P340 In case of getting into respiratory tract: remove to fresh air and ensure conditions for easy breathing.

P305+P351+P338 Eye contact: carefully wash for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P310 Immediately contact poison centre/physician.

P333+P313 In case of skin irritation or rash: consult/seek medical attention.

P501 Dispose content/container in accordance with applicable regulations.

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Lico Mix EPS Complex system of thermal insulation with plasters (ETICS) DWU nr 1 EPS/CPR ETA 15/0444	
System is designed to be used as external thermal insulation of building walls made of brick elements or concrete.	
Basic characteristics and performance are specified in Declaration of Performance.	
Release/content of dangerous substances - see data sheets.	

LICO MIX®

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