Polyurethane mounting foam

PVC 2in1 Termo Organika

insulates, fills, seals

- application with an applicator or a hose
- single-component product
- easy, convenient and quick to apply
- clean in use
- excellent adhesiveness to mineral surfaces and to EPS, XPS, wool, etc.
- high durability
- excellent acoustic and thermal insulation
- eliminates thermal bridges
- susceptible to grinding and painting
- based on polyurethane pre-polymer
- hardens in moisture
- contains an environ-mentally-friendly pro-pellant in compliance with prevailing EU le-gal regulations
- does not contain solvents and freons
- resistant to temperature between -50°C +90°C

Application

- filling gaps between thermal insulation boards in ETICS,
- filling gaps around window and door frames,
- isolating pipe penetrations in walls and walls,
- isolating water supply and water reservoirs,
- filling gaps around floors and skirting boards,
- filling gaps, small holes in the walls and other cavities.

Preparation of the Surface

Fresh foam adheres to all commonly applied min-eral building materials, including insulation materi-als such as: EPS, XPS, mineral wool, etc. Every surface must be compact, smooth, load-bearing, dry, clean and without any film (grease, dirt, dust, oil, lubricant, etc.) which would reduce adhesive-ness. The foam does not adhere to non-mineral surfaces such as: silicone, polyethylene, some other plastics, etc. Before application the surface must be well moistened with water. Foam may be applied in a temperature of between +5°C and +30°C. Hardened foam is semi-rigid and forms a structure of enclosed cells. It is resistant to temper-atures of between -50°C and +90°C and to ageing processes, except UV radiation. After hardening, it can be cut, ground, sanded, painted or plastered.

Instructions for Use

- Before use, cold containers must be carefully warmed in tepid water. Do not heat containers to a temperature above +50°C, because of the risk of explosion. Heated containers (e.g. left in vehicles in summertime), must be cooled down in water. Whilst cooling, containers may be shaken from time to time in order to reach the required temperature of the product more quickly;
- Before application, the temperature of the can and its content must be between +5°C and +30°C (optimum application temperature: ap-prox.: +20°C);
- Shake the can vigorously for about 30 seconds. Additionally, shake from time to time during ap-plication;
- Screw the attached applicator onto the can.
- Do not unscrew the applicator before the can is completely empty;
- After opening (i.e. screwing on the applicator), use the foam as quick as possible otherwise the foam will be hardening on the valve and in the application pipe preventing complete emptying of the can.
- Moisten the surfaces on which the adhesive is to be applied but do not make them wet. Equal and quick hardening of the foam requires mois-ture. Inappropriate moistening or overflowing of the joint and of the openings may lead to uncon-trolled expansion of foam volume;
- Hold the can in a bottom-up position during ap-plication;
- Fresh foam expands between 1.5 and 2 times, so be careful not to fill the joint too much (open-ings should be filled to approx. 60%).

- Remove any excess or fresh foam immediately using a cleaner. If this is difficult or impossible, leave the foam until it hardens and then remove mechanically.
- Clean the application pipe and surfaces smudged with foam using cleaners for polyurethane foams, e.g TO-CDA cleaner. Cleaning is possible until the foam hardens completely. Hardened foam can only be removed mechanically.

Safety of Use

The product contains isocyanates and chloroalkanes C14-C17. May produce an allergic reaction. Read the manufacturer's instructions. If medical advice is needed, have product container or label at hand. Contains gas under pressure; may explode if heated. Do not spray on an open flame or other ignition source. Dispose of contents/container accordance with national regulation on waste management. Repeated exposure may cause skin dryness or cracking . Persons already sensitised to diisocyanates may develop allergic reactions when using this product. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used. Wear protective gloves according to EN 374, protective clothing according to EN 13034, eye protection according to EN 167, face protection according to EN 166. Protect from sunlight. Do no expose to temperatures exceeding 50°C. Do not puncture the can during or after use.

For more information see Product's Safety Sheet (MSDS).

Note

In addition to the above recommendations, follow good building practice and work-safety rules. The manufacturer warrants the quality of the product but has no influence on the manner, place and conditions of its storage and application. Building work should be done by professionally qualified contractors.

Technical Data

- Yield:
  up to 45 litres (depending on the type of surface, method of application, temperature and air humidity)
- Skin formation time:
  5-12 min. (20°C / RH 90%)
- Complete Hardening time:
  Approx. 24 hours (in relative humidity of 55%, higher humidity makes this duration shorter)
- Water absorption after 24h with partial immersion without epidermis:
  less than 1kg/m^2
- Changes in linear dimensions after 24 h storage at + 40°C and 95% relative humidity:
  less than 3%
- Changes in linear dimensions after 24 hours storage at + 70^0C:
  less than 4%
- Compressive stress at 10% relative deformation:
  above 40 kPa
- Tensile strength:
  above 100 kPa
- Temperature of application and of the base surface:
  +5°C ÷ +30°C
- Optimum application temperature (can):
  +20°C
- Thermal resistance (after hardening):
  -50°C ÷ +90°C
- Flammability: B3 (DIN 4102)
- Storage:
  12 months from date of manufacture. The product should be stored and transported in a dry place, valve up, in a temperature of between +5°C and +30°C.

Opakowanie	Kod EAN
750 ml	5902973383515

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