

TECHNICAL DATA SHEET

TERMO TYNK 951

Machine and hand-applied thermoacoustic plaster



Areas of application

Ideal for making thermal insulating plasters inside and outside buildings. It is a solution alternative to the traditional thermal insulation system in buildings under the conservation protection. Thick layers allow obtaining optimal thermal insulating properties of a given partition


Properties

- Vapor-permeable
- High thermal insulation properties
- Layer thickness from 20 to 120 mm
- Manual and machine application
- Frost-resistant
- Waterproof
- Non-flammable
- Acoustic properties

Application procedure



Technical data

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| Item number | 36184 |
| Packaging |  |
| Quantity per unit | 30 kg/unit |
| Unit per pallet | 40 unit/Pal. |
| Grain size | 0-2 mm |
| Colour | Grey |
| Consumption | 11 L/m ² /cm |
| Water requirement | approx. 14 L/unit |
| Compressive strength | ≥ 2 MPa (28 d) |
| Thermal conductivity | approx. 0,071 W/mK |
| Chromium content | ≤ 0,0002 % |
| Coating thickness | 20-120 mm |

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|-----------------|-------|
| Item number | 36184 |
| Processing time | 3 h |

Material base

- Hydrated lime
- Mineral fillers
- Pearlite
- Portland cement

Application conditions

Apply at temperatures from +5 °C to +25 °C, these temperatures apply to air, bed and product. All substrates shall be bearing, compact, stable, even and clean

Surface

Before starting renovation works, it is advisable to carry out an accurate analysis of the substrate salinity and moisture state. Substrates should be free from dust, soot, grease, lubricants, anti-adhesive agents, paints, excess mortar etc
Wall of brick

Concrete, reinforced concrete: Prime with GRUNTOBET 310 or EXPERT CONCRETE PRIMER 314.

Autoclaved aerated concrete elements: Prime with GRUNTOBET 310 or EXPERT CONCRETE PRIMER 314.
Bricks and ceramic CMUs

Silicate blocks: Prime with GRUNTOBET 310 or EXPERT CONCRETE PRIMER 314.

Surface pre-treatment

Symptoms of biological aggression (fungi, mildew) must be removed using SEPTOBUD 1008 preparation. Old, destroyed plasters with moisture signs, efflorescence must be removed up to the height of 1m above the damage area. All potential efflorescence on an uncovered wall must preliminarily be removed mechanically. All grouts dropping off in a wall must be removed to the depth of 2cm, and next they must be filled with RENOWACYJNA ZAPRAWA MURARSKO-TYNKARSKA 943. When works are performed on a very absorbent substrate, it must be moistened with water preliminarily. An uncovered wall must be coated with

OBRZUTKA RENOWACYJNA 910 (RENOVATION RENDERING COAT) in accordance with its technical sheet. Plastering with a ground plaster may start not earlier than after 3 days from when the rendering coat dries up.

Preparation

The dry mix should be made with an appropriate amount of clean, cool water by mixing in a plastering machine or mechanically using a mortar mixer or concrete mixer. The time of mechanical mixing should be 2-3 minutes. When mixing by hand, the mortar must be mixed for approx. 4-5 minutes. In the case of application with a mixing pump, for easy application, we recommend applying the plaster with KALETA 5 unit with additional fittings: Kaleta 5 stirrer Light, D6-3 worm with a flipper, D6-3 jacket, Aerator (Turbine). It is possible to use an equivalent machine and fittings. Do not mix the hardened grouting mixture again.

Application procedure

Apply, even and rub the mortar with a proper long float. While performing works and during drying process, protect from frost, rainfalls, too high temperatures and strong winds. Evenly apply the mortar on the entire plastered surface. Afterwards, even the plaster with a straightedge of H type removing excess plastering mortar perpendicularly to the application direction. Leave the surface treated this way until the plaster bonds. The plaster should not be treated smoothly, felted and rubbed. After applying and bonding, a finishing layer of the thermal insulating plaster must be applied in the form of SZPACHLA RENOWACYJNA 952 (RENOVATION PUTTY) or alternatively gypsum finish (e.g. 662, 930).

Instructions

All works carried out outside must be performed in rainless weather, when insolation is not too high and wind is weak. If it is necessary to carry out works in unfavourable conditions, use appropriate shields, reducing an impact of weather factors. Plastered rooms must be ventilated, however it is necessary to prevent draughts and prevent the mortar from

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drying up to quickly as a result of sunlight or heating. Always use the product at the temperature ranging from +5 °C to +25 °C. In the hardening time, maintain the temperature of min. +5 °C.

Storage

Up to 12 months from the date of manufacture, in dry places and in intact packaging

General information

This product data sheet replaces all its previous versions. The information, included in this technical card, represents our current knowledge and practical experience. This is general information only which shall not obligate the manufacturer to take any responsibility either for workmanship or for the manner of use. For there may be differences and specific execution conditions. The product shall be applied in accordance with required technical knowledge and OHS rules. Avoid contact with skin and protect eyes. In case of contact with eyes, rinse them up with a large quantity of clean water and consult a doctor. It shall be recommended to use gloves, safety goggles and protective clothing. All technical data is given for the temperature of 20 degrees Celsius. These temperatures apply to air, bed and embedded material. All technical data listed in this product specification has been determined under laboratory conditions.