



#### DESCRIPTION

**PGP DRYPROOF THERMOBLOCK** is a high quality water based acrylic paint with thermal insulation and anti-mould properties. Its unique formula based on acrylic resins and SCOTCHLITE 3M glass beads reduces considerably heat loss during winter while in summer reduces cooling costs. Furthermore due to the reduction of the temperature differentiation between exterior walls and interior temperature it eliminates the growth of mould created from condensation. It is suitable for interior and exterior use.

#### ADVANTAGES

- Keeps the house warm in winter and cool in summer
- Offers great savings in heating and cooling costs
- Reduces internal moisture
- Prevents mold growth

#### APPLICATIONS

- Ideal for thermal insulation and waterproofing of exterior walls
- Suitable for thermal insulation of interior walls
- Ideal for resolving problems of condensation and mould in kitchens, bathrooms, ceilings, cupboards etc.
- Application on plaster, concrete, wood, stone, cement board, plasterboard, bricks, wood, ondulated roof panels

#### INSTRUCTIONS FOR USE

##### Substrate preparation

Careful surface preparation is very important for optimum finish and durability.

1. All surfaces should be dry and clean from dirt, grease, loose paint etc.
2. New surfaces should be allowed to dry out completely.
3. Fill surface defects with acrylic filler.
4. New surfaces, porous surfaces as well as surfaces previously painted with inferior paint should be primed with waterbased acrylic primer.
5. If mould is present clean surface thoroughly and apply one coat of white primer.

##### Application

Apply **PGP DRYPROOF THERMOBLOCK** with a roller or brush. In order to obtain maximum performance of the paint application of three coats is advisable.

#### CLEANING

Remove as much paint as possible from brushes and rollers before cleaning. Clean all equipment immediately after use with soapy water.

#### COVERAGE

7 - 10 m<sup>2</sup>/Lt on smooth surfaces

#### TECHNICAL CHARACTERISTICS

**Base:** Acrylic paint based on acrylic resins and glass beads

**Form:** Visous liquid

**Colour:** White

**Smell:** Characteristic

**Specific gravity:** 0,70 - 0,80 gr/ml ASTM D-1475

**Viscosity:** 20000 ± 5 mpas 23 °C

**Thermal conductivity (W/mK):** 0,1233

**Thermal Diffusion (mm<sup>2</sup>/s):** 0,1972

**Specific heat capacity (MJ/m<sup>3</sup>K):** 0,6252

**Method of application:** Roller, brush

**Application temperature:** 10°C - 35°C

**Thinning:** 0 - 5% with clean water

**Drying times:** normally touch dry after 1- 2 hours, recoat after 5 hours.

Additional time is required under damp / cold conditions

**VOC (Volatile organic Compounds) CONTENT:** (Directive 2004/42/CE) EU maximum VOC content limit values for this product (category A/c(WB): "Exterior walls of mineral substrate"): 40 gr/lit (2010). This product contains maximum 28gr/lit VOCs (ready for use product).

#### STORAGE

Store in dry and cool storage conditions at temperatures 5°C - 30°C. Protect from moisture, frost and direct sunlight.

#### SHELF LIFE

At least 12 months in unopened containers. Products should remain in their original unopened containers, bearing the manufacturers batch number.

#### PACKAGING

White 750ml, 3Lt, 10Lt

PACKAGING	CODE	BARCODE
750 ml	7197	5204094071976
3 Lt	7198	5204094071983
10 Lt	7199	5204094071990

#### HEALTH AND SAFETY INFORMATION

P101: If medical advice is needed, have product container or label at hand P102: Keep out of reach of children P273: Avoid release to the environment P501: Dispose of contents/container according to the separated collection system used in your municipality EUH208: Contains Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction



## Waterproofing

# PGP DRYPROOF THERMOBLOCK

Technical Data Sheet

Reviewed: 30.07.18

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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