



E2 Energy Efficient

Thermal-insulating acrylic coating

Nanotechnology-based acrylic elastomeric coating providing thermal insulation, waterproofing and high solar reflectance.

Formulated with new-generation 3M reflective thermal-insulating glass microspheres.

Provides excellent thermal insulation and waterproofing, offers protection against mould and helps reduce building energy consumption.

Delivers long-lasting protection and excellent resistance to solar radiation (UV) and atmospheric pollution.

Allows the substrate to breathe.

APPLICATION TOOLS



PACKAGING





E2 Energy Efficient Thermal-insulating acrylic coating

Classified as a cool coating, with a thermal conductivity coefficient λ of 0.3.

APPLICATION TOOLS



PACKAGING



CHARACTERISTICS

- ✓ High whiteness and reflectance
- ✓ Energy saving
- ✓ Improves the building's thermal-insulation performance
- ✓ Resistant to weathering and moisture
- ✓ High coverage and long-lasting protection
- ✓ Specially formulated so that the cured film resists mould growth
- ✓ Certified by 3M laboratories

SURFACES / USES

- ✓ Concrete
- ✓ Plasterboard
- ✓ Plaster
- ✓ Brick
- ✓ Wood

TECHNICAL DATA

Coverage	7-10m ² /lt per coat
Thinning	5-15% with water
Touch dry	30min
Through dry	4hr
Recoating time	3hr

(*) Exact drying times depend on the ambient temperature and relative humidity during application and drying.



Surface Preparation

- Apply to dry, clean surfaces free from any material that may impair adhesion.
- Successful application depends on correct substrate preparation and proper application of the product.
- Remove all foreign matter, dust and residues from the surface.
- Prime the surface with two coats of either emulsion primer or DESMO SEAL solvent-thinnable primer.



Application

- Once the primer begins to dry, apply E2 ENERGY EFFICIENT MASONRY PAINT in two coats.
- To adjust the application viscosity, thin with 5-15% water.
- Apply the second coat after the first coat has dried.



Restrictions

- Do not apply at temperatures below 5°C or above 35°C.
- Do not apply when relative humidity exceeds 80%.
- Allow damp surfaces to dry thoroughly before application.
- Protect the freshly painted surface from cold and moisture for at least 24 hours.



Tools Cleaning

During application, keep tools wet in the container or paint tray. Drain as much paint as possible from the tools back into the tin, then clean them with water.



Storage

Store in a sealed container at temperatures between 5°C and 40°C.



E2 Energy Efficient

Thermal-insulating acrylic coating

APPLICATION TOOLS



PACKAGING



Precautions

• 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.

VOC Category

Product category A/c (WB), 'Exterior walls of mineral substrate', in accordance with European Directive 2004/42/EC. VOC limit for this category: 40 g/L. Maximum VOC content of the ready-to-use product: 39 g/L.