

## E2 ENERGY EFFICIENT

Acrylic elastomeric nanotechnology color, which offers thermal insulation, waterproofing and high reflectivity. Uses new technology 3M reflective heat insulating glass beads. Excellent thermal insulation and sealing, offers anti-moulding protection and helps to save energy in buildings. Provides long-lasting protection, excellent resistance to solar radiation (UV) and atmospheric pollution. Allows the surface to breathe. It is classified in the category of cold colors with factor  $\lambda = 0,3$ .

### USAGE

Ideal for:

- Concrete
- Plasterboard
- Plaster
- Bricks
- Wood

### FEATURES

- High whiteness & coverage
- Energy saving
- Increases the thermal insulation properties of the building
- Resistant to weather conditions
- High yield
- Special composition to make the final film resistant to mould
- Long lasting protection



### TECHNICAL FEATURES

Base	Acrylic
Appearance	Viscous Liquid
Shade	White
Viscosity	7500 - 8000 mPa•s at 23°C
Density	1.52 ± 0,02 gr/cm <sup>3</sup>
pH	8-9
Solids etc.	72%
Ideal temperature	15-25°C
Thermal coefficient conductivity	0.15 W/m.K
Surface drying	30min
Deep drying	4hrs
Recoating time	3hrs
Yield	7-10m <sup>2</sup> /lt per coating
Dilution	5-15% with water



### SURFACE PREPARATION

- Applies to dry, clean surfaces free of materials that are not contaminated with materials which prevent adhesion.
- The success of the application depends on the correct preparation of the substrate and the correct application of the material.
- Clean the surface from foreign particles, dust and debris.
- The surface is primed in two layers with either a plastic primer or Desmo Seal solvent thinning primer.

### APPLICATION

- When the primer starts to dry, apply CEMENT PAINT E2 energy efficient in two layers.
- To adjust the fluidity it can be diluted by adding 5-15% water.
- The second coat should be applied after the first coat has dried.

### TOOLS CLEANING

During the work keep the tools "wet" in the container or in the paint tub. Drain the paint thoroughly from the tools back into the can and clean them with water.

### STORAGE

One year in closed container, at temperatures between 5°C - 40 °C.

### RESTRICTIONS

- Do not apply at temperatures below 5°C or above 35°C
- Do not apply when the air relative humidity is higher than 80%
- Wet surfaces should be allowed to dry thoroughly before application.
- Freshly painted surface should be protected from cold and moisture for at least 24hr.

### VOC CATEGORY

Product category A/C (WB) 'Coatings for external mineral walls substrate' of European Directive 2004/42/EC. VOC limit value class: 40 g/l.  
Maximum VOC content of the ready-to-use product 39gr/lt.