



MASTHERM 3000

(THERMAL INSULATION PAINT)

General Description:

MASTHERM # 3000 is based on special resin and fillers to provide a thermal insulation to a wall surfaces. It is formulated to protect the substrate from efflorescence and aggressive agent present in the environment.

Advantages:

- For interior and exterior use.
- Good adhesion properties.
- Repels water vapour and humidity.
- Allows the release of any moisture coming up from the ground by capillary action.
- Protect the formation of fungus and algae.
- Anti condensation and high thermal insulation property.
- Inherent flexibility to accommodate hair cracks in the substrate.
- High build maintenance finishes
- Ease of application.

Characteristics and Physical Properties:

Colour	As per colour card
Gloss	Eggshell
Specific Gravity	1.10-1.20 kg./ li.
Solid content	50 - 55% by volume
Coverage	4 – 5 m ² / lit.
Touch Dry	1 – 2 hrs.
Dry to recoat	5 – 6 hrs.
Shelf Life	12 months
Flash Point	65 ⁰ C
Application	By brush or roller and airless spray gun.
Thinning / cleaning	Water.
Thermal conductivity	= 0.10 W /m. K.

Surface Preparation:

New Substrates:

- Substrate must be free from any form of contaminants.
- Apply 1 coat of Mas Masonry AR Primer as impregnating sealer.
- Apply 1 – 2 coats of MASTHERM 3000.
- Dilution of 5 –10 % sweet water is recommended.

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

Old Concrete (previously painted)

- Remove all blistered, cracked and peeled off paint from the surface.
- Penetrated paint must be cleared and treated with 3% ammonia and water.
- Glossy finish coat must be sanded.
- Apply 1 coat of Mas Masonry AR Primer as impregnating sealer; apply 1 – 2 coats of MASTHERM 3000, Dilution of 5 –10 % sweet water is recommended.

Method of Application:

Instruction for use	
Airless Spray	
Recommended Thinner	-Sweet Water.
Volume of Thinner	-approx. 0-5%
Nozzle Orifice	-0.46–.53mm.
Roller	
Recommended Thinner	-Sweet Water.
Volume of Thinner	-approx. 5-10%
For cleaning	-Sweet Water.

Typical Recommended System:

Mas Masonry AR Primer	- 1 Coat.
Mas Masonry Primer (optional)	- 1 Coat.
PVA Wall Filler (optional)	- 2 Coats.
MASTHERM # 3000	- 2 Coats.

Storage:

The product must be stored in accordance with national regulations. The product should be kept in a cool and well ventilated place, protected from heat and direct sunlight. Containers must be kept tightly closed.

Cleaning of Tools:

All tools should be cleaned with water.

Packing:

Available in 1Usg. and 5 Usg (Pail)

Precautions:



See Safety Indication Sheet.

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D-111/2004