

TECHNICAL DATA SHEET

1. DESCRIPTION

Zenova IP is a monocomponent thermal insulating paint. It is an ecological product based on ceramic microspheres which, after application, presents outstanding properties of thermal insulation internally and externally, thermal reflection of sunrays and infrared radiation, anti-condensation and anti-mold characteristics.

2. USAGE

ZENOVA IP is intended for use in new thermal improvement projects and for the renovation and maintenance of existing wall assemblies to improve their thermal performance. Suitable internally and externally for walls, roofs (metallic, ceramic etc.), pipes, ducting. Offers protection against humidity, very high and very low temperatures. Eliminates thermal bridging and water capillarity.

3. TECHNICAL DATA

PACKING	20 L
PRODUCT	monocomponent
ASPECT	homogeneous, pasty
COLOUR	white or other
DENSITY (g/cm ³)	0,75 ± 0,05
VISCOSITY (cP)	10 000 ± 5 000
COATING	uniform, continuous, elastic
DRY SUBSTANCE CONTENT	55±5%
APPLICATION TEMPERATURE	10°C - 130°C
REACTION TO FIRE	B - s1, d0 (BS EN 13501-1)
THERMAL EMITTANCE	0.880 (ASTM C1371)
SOLAR REFLECTANCE	0.834 (ASTM C1549)
SOLAR REFLECTANCE INDEX	104
ABRASION RESISTANCE	high
RECOMMENDED METHOD OF APPLYING	spraying by airless spray gun
COLOURED FINAL COATING	on demand

4. APPLICATION TECHNOLOGY

PREPARATION; All surfaces should be properly prepared and cleaned. Remove any loose paint or rust. Wash off dirt and grease with detergent, rinse and allow to dry. Remove mildew stains with a mildew stain removing product. Scuff sand glossy surfaces and repair imperfections. Remove all dust with a damp cloth and allow to dry. Allow new plaster and masonry to cure for 30 days before painting.

PRIME; Apply a layer of Zenova Primer to prepared surface with a paint brush, lime brush, roller or by pulverization. Volume required for Zenova Primer layer is 50 -100 ml/m².

APPLICATION; Once prep is complete and Zenova Primer is completely dry you are ready to apply Zenova IP. Stir paint thoroughly prior to use. Zenova IP can be applied with a paint brush, roller, lime brush or by air-less spray gun (details of approved models at www.zenovagroup.com). Allow each layer to dry completely before applying additional layers.

Recommended application temperature is 10-40°C.

Theoretical product consumption: 830-1300 ml/m² at a total wet film thickness of 0.8-1.3mm to achieve a dry film thickness of 0.5-0.8mm. Thermal performance and actual product consumption may vary depending on the substrate, equipment used, application method, and building type.

5. WORK SAFETY

Special measures of protection are not necessary, the product being non-flammable and non-dangerous.

6. PACKAGE. STORING. TRANSPORT

Zenova IP is packed in sealed PE buckets. Store away from direct sunlight and preferably away from negative temperatures. Storage temperature: 5-35°C.

7. SHELF-LIFE

Shelf-life is 36 months after production date.

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