

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 indoors and outdoors, thermal reflection of sunrays and infrared radiation, anti-condensation and anti-mold characteristics.

2. USAGE

Zenova IP can be applied using an airless spray gun, by brush or by roller. Suitable indoors and outdoors for walls, roofs (metallic, ceramic etc.), terraces, window jambs, door jambs, pipes, hot water pipes and ductwork, boilers, etc. Adheres very well to galvanized sheets (tin plates) even without primer.

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
DRIED COATING THICKNESS	0.5 - 3 mm
SPECIFIC CONSUMPTION	0.4ml to 0.5ml per square metre
DRY SUBSTANCE CONTENT	55±5%
APPLICATION TEMPERATURE	10oC - 130oC
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

PREP; 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 24 hours to completely dry before applying additional layers.

Recommended application temperature is 10-40°C.

Product consumption for one layer of Zenova IP coating is of 0.4-0.5 L/m² at a thickness of 1 mm. The total thickness of the insulation paint must be between 1-3 mm, depending on the desired level of insulation.

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: 10-25°C.

7. SHELF-LIFE

Shelf-life is 36 months after production date.

IP2021/11/A