



ALAMANA THERMAL PAINT TECHNICAL DATA SHEET

DEFINITION

ALAMANA THERMAL PAINT HIGH PERFORMANCE, LOW THERMAL TRANSMITTANCE ,
MICRO CERAMIC GLASS –TECHNOLOGY ACRYLIC DISPERSION BASED ,
USED AS EXTERIOR TOP COAT.

IT IS WATER BASED, ELASTIC AND PROVIDES UP TO %40 THERMAL INSULATION AND ENERGY SAVING.

ADVANTAGES AND PRODUCT FEATURES

- * Has low heat conductivity
- * Provides up to % 50 heat saving
- * Protects structure's heat balance
- * Non-flammable
- * 100% waterproof
- * Elastic. No cracking or disjuncture
- * Prevents moisture, damp, and mold
- * Easy to apply
- * Water-based
- * Breather. Doesn't make condensation
- * Unlimited color alternatives
- * Dirt-repellent, easy to clean,
- * Late flammability and non-flammability.

APPLICATION

Before using the paint, read the instructions. Package must be mixed with a low speed mixer.

If the package is open, do not use it and contact with the supplier. If the break between the paintings is long, mix the package again before using. It is very important and delicate issue for spreading of the ceramics on the surface. Application area must be cleaned from oil, dirt and double skins.

AL-PRIMER must be applied as primer lining, and put to dry for 8- 12 hours.

WHERE TO USE

Suitable for houses, living quarters, public buildings, production plants, storages, warehouses, hangars, cold storages, rail systems, tunnels, geothermal facilities and fields, power transmission lines, power distribution units, silos and many more domestic and industrial exteriors.

CONSUMPTION

Depending on the surface of application: 0,75-1,25kg/m² (single coat)

PACKAGING

18kg PE/bucket

9 kg PE/bucket

3 kg PE/bucket

STORAGE AND SHELF LIFE

12 months in cool and dry place, with the occasional change of location.

DRYING TIME

Rate of drying is dependent on temperature, humidity and ventilation. Do not add solvent to the product. Apply 2 coats. Wait approximately 6 hours between the coats

RESISTANCE

Alamana thermal paint has excellent resistance to weather and ultraviolet exposure. Alamana thermal paint has good resistance to mild alkalies, dilute acids, salt solutions.

Product	Values
Density (25°C, g/mL)	1.45 ± 0.10
pH (25°C)	7.5 – 9.5
Heat Conductivity Coefficient (W/mK)	$\lambda < 0,059$
Class of Fire Reaction	B S1 d0
Solvent	Water
Color	Can be produced in any color
Packaging	3 kg, 9 kg and 18 kg PE Buckets
Application Temperature (°C)	5 – 60
Storage Temperature (°C)	5 – 35
Storage Condition/Shelf life	24 months from production date, if stored dry condition
Application Tools	Brush, roller, suitable sprayer
Flash Point (°C)	N/A (not applicable)
Uv Reflection	%99

SECURITY PRECAUTIONS

Take the measures given in the material safety data sheet (MSDS) and on the label, Even with empty tin, as the product may contain residue. Avoid contact with eyes and skin

Note: Alamana C.O. Guarantees that Alamana Thermal Paint is error free in components but does not take responsibility. Regarding appearance or color results. Application methods and conditions support that affects performance, the company does not warrant, express or imply, including warranties marketing and suitability for different applications. Alamana C.O changes or compensates the purchase value of Alamana Thermal Paint if there is no product corresponds to physical and mechanical properties highlighted in the technical data sheet and pertaining to the product as read in the laboratory. As for the chemical resistance of the product, it should be clearly stated Alamana C.O. for any loss or damage. is not responsible. Alamana C.O. is not responsible for the pre-existing physical conditions of the support to which the product will be applied.