



Waterproof Series

Diamond Master INSULATOR

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DIAMOND MASTER INSULATOR is a cutting-edge, water-based composite designed for thermal insulation and waterproofing. It is an innovative product with outstanding heat insulation properties. This material has a lifespan of up to 10 years while retaining the performance of all its properties.

Engineered with high UV and heat reflection properties, this advanced coating material minimizes thermal radiation and reflects over 95 percent of solar heat energy, effectively reducing surface temperatures by 15 to 25 degrees Celsius.

Experience improved comfort and efficiency with **DIAMOND MASTER INSULATOR**, its exceptional heat insulation capabilities not only enhance working environments but also significantly reduce energy consumption.



Waterproof Series

Diamond Master Insulator

Product Features



Waterproof and Weather Resistant
UV protection, Waterproof.



Anti-Fungus
Protection against fungus and mold.



Stylish and Elegantly Natural
Full coverage and long-lasting protection.



Anti-Cracking properties
Exceptional durability and flexibility.



Environmentally Friendly
Low VOC & odor. Energy savings.



Hassle-Free Maintenance
Clean with damp cloth or brush.



Superior Heat Reflective
Temperatures reduction by 15°C to 25°C.



Hassle-Free Application
Easy application with roller or brush.

Packaging Details

Weight : 20 KG

Coverage : 40-45m²/2layers

EXCELLENT WEATHER RESISTANT

Without any coating temperature of roof is about **56°C**

With **Diamond Master Insulator** temperature of roof is about **35°C**



Room Temperature **35°C**

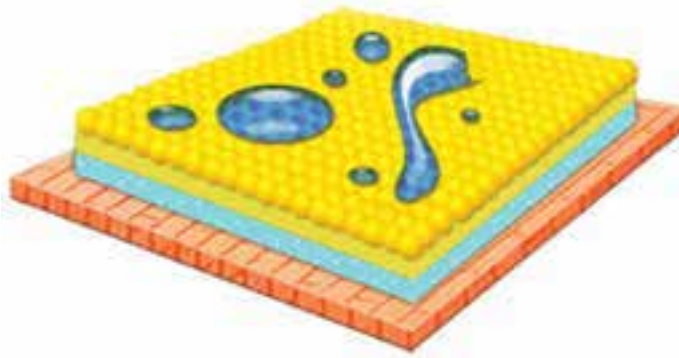
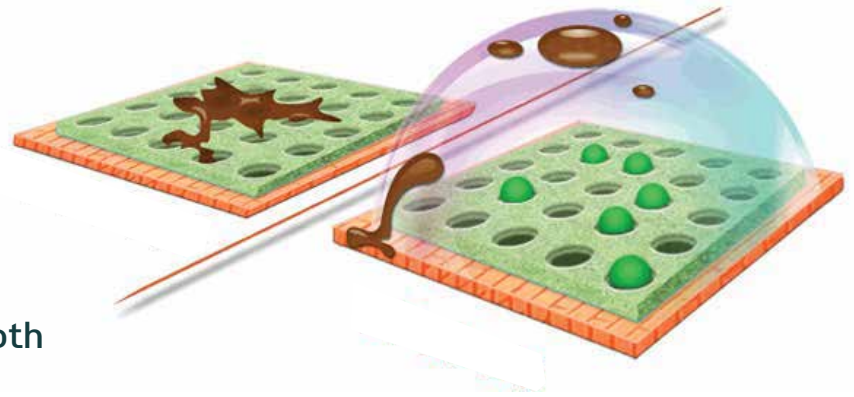
Room Temperature **30°C**

Without any coating temperature of external wall about **44°C**

With **Diamond Master Insulator** temperature of external wall is about **30°C**

Easy Maintenance

The material resists deep absorption, allowing most spills and marks to be removed effortlessly with just a damp cloth or sponge



Even after undergoing an extensive cleaning cycle repeated

2000 times

the coating will still retain its original integrity and remain firmly intact. This durability demonstrates the high-quality materials and advanced technology used in its construction, ensuring that the coating does not peel, crack, or degrade over time.

Strong Bonding

High Elasticity

Anti-Crack

Environmental Friendly

- ✓ Formulated using a water-based solution
- ✓ Safer and more sustainable alternative

Non-Toxic Substances

- ✓ Free from harmful chemicals
- ✓ Reducing health risks associated with exposure to volatile organic compounds (VOCs) or other hazardous substances.



Using advanced silicone modified acrylic resistant technology, sunlight is reflected up to

95%

Under sunlight, the temperature of the rooftop is reduced from

12-20°C

Professional roofing thermal insulation waterproof coating

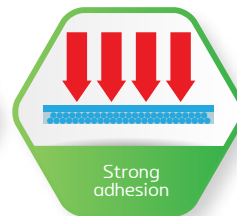
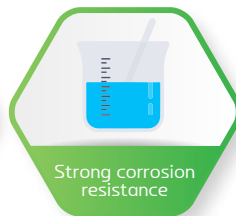
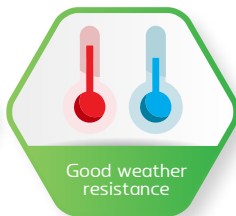
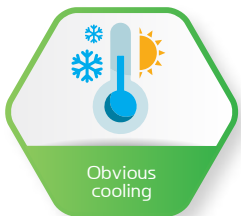


- Semi-cooling of roof by 30
- Exposed life of 25 years
- Waterproof and heat insulation integration



After heat insulation, the measured temperature at noon dropped by 22°C Professional roofing thermal insulation waterproof coating.

Waterproof and heat insulation integration coating six advantages



- 01 Good heat insulation, sun protection and cooling effect. After high temperature exposure, the surface of the coating is still not hot, the cooling temperature can reach above 15C and the energy saving rate can reach above 58%
- 02 The coating is tough, water resistant and can effectively prevent water and seepage.
- 03 Coating has ultraviolet resistance, excellent weather resistance and effective service of life of more than 10 years.
- 04 the coating is acid-resistant, alkali-resistant and rain-resistant. Made to withstand all kinds of bad weathers.
- 05 After the coating is formed, the phenomena such as cracking, peeling and pulverization can be avoided. And can dry grain on the coating.
- 06 This product is a water-based environmental protection product with hydrophobic coating, stain resistance and scrubbing resistance.

Waterproof and heat insulation integration coating

This product can be widely used in projects requiring waterproof and heat insulation such as external walls, roofs, steel structures, chemical storage tanks, warehouses, etc.

STEP 1 Thermal insulation and waterproof of concrete cement roof



STEP 2 Thermal insulation and waterproof of color steel tile metal roof



STEP 3 Heat insulation and waterproof renovation of glass tile roof



STEP 4 Polyurethane/asphalt coil and other non-exposed coating protective layer



Customer's real construction case display



Case 1
Iron Roof Insulation



Case 2
Externall Wall Insulation

Case 3
Color Steel Tile Roof



Case 4
Roof Renovation



Reference performance index

Serial number	Test Item	Performance Index		
		Low Brightness	Middle Brightness	High Brightness
01	Sunlight reflectance	≥ 0.25	0.40	0.65
02	Near infrared reflectance	≥ 0.40	La Value/100	0.80
03	Hemisferic emissivity	≥	0.85	
04	Change rate of solar reflectance after pollution	≤	15%	20%
05	Change rate of sunlight reflectance after artificial climate aging	≤	5%	




Diamond Master INSULATOR

Diamond Master Insulator is able to resist up to 180C bends. Excellent bonding strength and wide range of applications as it is able to directly apply onto concrete, steel iron surface and external wall.



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