

SURFACE PREPARATION

Concrete, Plaster

Ensure surface is clean, dry and free from all contaminants. Surface must be sound and free from oil and dust. Areas affected with fungus or mould are to be treated with Berger Antimoffa Capital Solution. Apply one coat of Berger Stabilising Solution as a Primer.

Timber

Ensure surface is clean, dry and free from all contaminants. Wood may be treated further with a Wood Preservative.

Apply one coat of Brolac All Purpose Primer.

Steel or other metals

Surface must be cleaned mechanically or blast cleaned. Apply suitable primer from the Berger range of products according to the degree of cleaning and types of metal substrates used. All galvanised metals are to be primed with Berger T-Wash

METHODS OF APPLICATION

- Berger CoolRoofs can be applied by brush, broom roller or airless spray

Airless Spray tip size 0.021" to 0.027" / Tip Pressure: 1600-1900 psi

Multiple coats are recommended to achieve higher thickness mainly when applying by Brush, broom or roller

- Do not dilute
- Apply two coats using one litre per three square metres per coat.
- Allow 16 hours for first coat to dry.
- Equipment can be cleaned using fresh water.
- Do not apply this product if relative humidity exceeds 95%
- Ensure that all side walls are also coated with CoolRoofs up to a height of 6 inches. This will prevent water seepage.

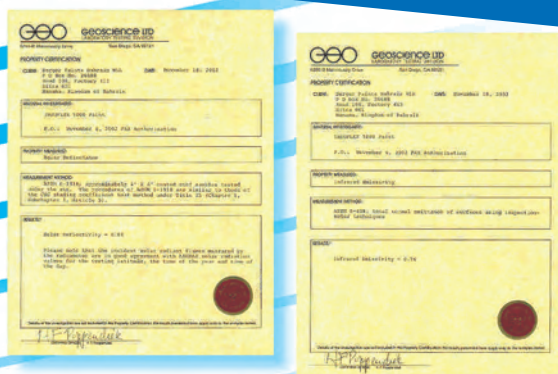
BERGER
CoolRoofs



**The new energy saving
roof coating from Berger**



- ✓ Keeps your home cool in summer, dry in winter
- ✓ Reduces airconditioning cost
- ✓ Can be applied on existing coatings and surfaces
- ✓ Environment friendly



CoolRoofs is certified by
GeoScience lab in the USA for Solar Reflectivity and Infrared Emissivity

BERGER
THE PAINT PROFESSIONALS
• Established in the United Kingdom in 1760 •

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Berger CoolRoofs can help you save money and help the environment by reducing your energy use. It works by reflecting more of the sun's energy back into the atmosphere, keeping your building cool and can reduce your air conditioning costs. Because much of the our electricity is generated by burning fuels, creating air pollution, reducing the amount of energy needed to cool buildings helps to reduce the production of air pollutants.

Based on Berger International's Technology, Berger CoolRoofs coatings are carefully designed to reflect sunlight, unlike other roofs or coatings that absorb light and turn it into heat. The result is a cooler building and reduced cooling costs.

Berger CoolRoofs, can also extend the life of your roof thanks to:

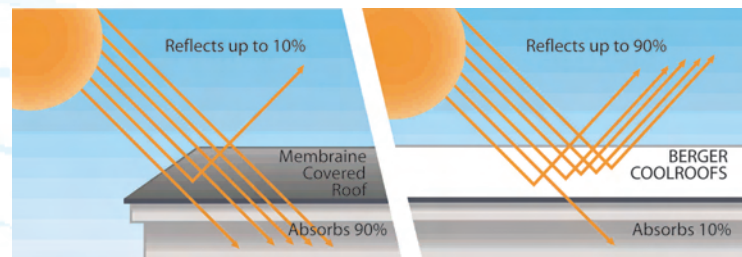
- a UV light barrier which prevents substrate degradation
- resistance to blistering under extended ponding
- low temperature flexibility
- resistance to asphalt staining and dirt pickup
- outstanding adhesion

The product has proved successful in many hot climate regions such as Dubai, Bahrain, Caribbean, Philadelphia, California and others

**SAVE ELECTRICITY, SAVE MONEY
AT HOME AND AT WORK**

Berger CoolRoofs reflective coatings can reflect up to 90% of the sun's heat and harmful UV radiation, and can reduce peak level energy consumption of air-conditioning systems by 50%. Berger CoolRoofs coatings reduce roof temperatures and heat absorbsion, resulting in lower interior temperatures, and improved energy effectiveness in you AC systems. Efficient energy use will also limit the severity of temperature changes in your building resulting in increased comfort for you, your family and friends.

Berger CoolRoofs is also the ideal product for use in offices, factories, warehouses and other places of work, where it is important to keep cool temperatures and save on air-conditioning costs.



SERVES AS A WATERPROOFER

Due to its high resistance to water ponding, Berger CoolRoofs also acts as an excellent waterproofer throughout the winter months. Its high flexibility keeps cracks covered, hence protecting your roof moisture penetration and damaging leaks. During application Berger CoolRoofs also has the ability to cover hairline cracks.

TECHNICAL DATA

High performance water-borne environment friendly coating, with hi-tech heat insulating aggregates. It possesses outstanding durability and provides high degree heat insulation properties. Suitable to apply on both interior and exterior surfaces. This product can be applied over a variety of substrates i.e. concrete, brick, cement, plaster, wood, suitably primed metals (Steel, Galvanized, Aluminum), etc.

When Berger CoolRoofs is applied to exterior walls and roofs, it reflects, retracts and dissipates solar heat. As a result, heat ingress into the surfaces is reduced to a large extent. To achieve best Thermal Insulation properties, apply minimum of 400 Microns DFT, by which air conditioning costs can be reduced by 50%