

ACETIMES

MONTHLY NEWS MAGAZINE OF ACECRETE ADHESIONS INDIA PRIVATE LIMITED

It's SUMMER again.... Go for a COOL ROOF system and stay cool...

Summer is the hottest of four temperature seasons, falling between spring and autumn. Hot weather can be a nuisance especially when it comes to bedtime. An ideal bedroom temperature should be around 18-20°C but if temperatures remain high, it can be difficult to fall asleep in a hot stuffy bedroom, leaving many suffering from a disturbed night's sleep.

Here is a simple solution to beat the heat this summer at an affordable cost.

COOL ROOF:



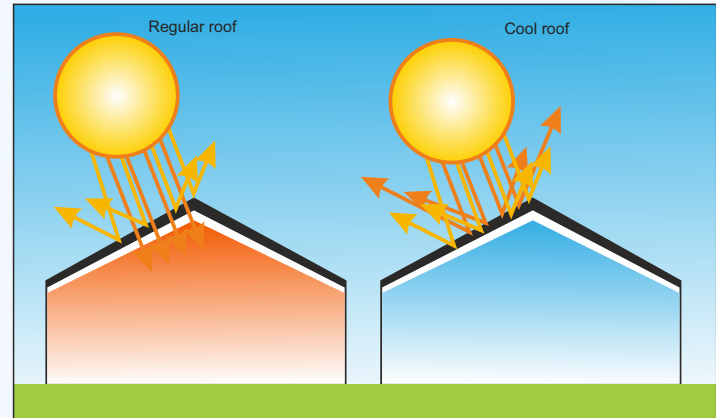
A cool roof is one that has been designed to reflect more sunlight and absorb less heat than a standard roof. Cool roofs can be made of a highly reflective type of coating, paint, a sheet covering, or highly reflective tiles or shingles. Nearly any type of building can benefit from a cool roof, but consider the climate and other factors before deciding to install one.

Just as wearing light-colored clothing can help keep you cool on a sunny day, cool roofs use solar-reflective surfaces to maintain lower roof temperatures. Standard or regular roofs can reach temperatures of 65°C or more in the summer sun. A cool roof under the same conditions could stay more than 10°C cooler.

BENEFITS OF COOL ROOFS

A cool roof can benefit a building and its occupants by:

- Reducing energy bills by decreasing air conditioning needs
- Improving indoor comfort for spaces that are not air



conditioned

- Decreasing roof temperature, which may extend roof service life

Beyond the building itself, cool roofs can also benefit the environment, especially when many buildings in a community have them.

Cool roofs can:

- Reduce local air temperatures (sometimes referred to as the urban heat island effect)
- Lower peak electricity demand, which can help prevent power outages
- Reduce power plant emissions, including carbon dioxide, sulfur dioxide, nitrous oxides, and mercury, by reducing cooling energy use in buildings.

TYPES OF ROOFS AND HOW THEY CAN BE MADE COOL

There are many types of roof systems available, but the surface exposed to the sun is the one that determines if a roof is cool or not. You can usually make a new or existing roof cool by selecting the appropriate surface. Cool roof coatings are generally white or special reflective pigments that reflect sunlight. Coatings are like a thick membrane that can protect the roof surface from ultra-violet (UV) light and chemical damage, and some offer water protection and restorative features. Products are available for most roof types.

.....to be continued in may 2016 edition

"Ask your customers to be part of the solution, and don't view them as part of the problem."



ACEPROOF Ener-G'guard

High performance Acrylic elastomeric coat

ACEPROOF Ener-G'guard - High performance acrylic elastomeric coating has excellent elongation and can maintain a watertight seal while the roof expands and contracts for certain extent. It has high resistance to organic growth and has UV resistance properties too. ACEPROOF Ener-G'guard - High performance acrylic elastomeric coating saves money on cooling costs by reducing the heat transferred to the inside of your building.

ADVANTAGES:

- For interior and exterior application
- Provides a seamless, elastic and durable membrane.
- Contains fungicides and mildewcides.
- Superior adhesion to various substrates.
- Reflective roof coating helps reduce cooling costs, prevents UV-degradation and premature roof failure.
- Easy to use, non-toxic and VOC-compliant water based roof coating
- Can be applied by brush, roller, spray or squeegee

APPLICATIONS:

- RCC Structure
- Sloping roofs
- Cooling towers
- Masonry walls
- Restoration of building



AVAILABLE PACK SIZE: Available in 1 litre, 5 litre and 20 litre in off-white colour

SHELF LIFE: 12 months, if stored in cool and dry area in unopened containers, protected from sun light. Shelf life is calculated from the month of manufacturing of the product.

SURFACE PREPARATION: Concrete surface must be sound, clean and free of all contaminants that could impair product adhesion, bond or performance. Concrete should be a minimum of 28 days old or substantially cured to the equivalent design strength prior to installation. Remove all loose or deteriorated concrete by chipping hammer, water jetting, or other mechanical means to achieve an open pore structure and sound concrete surface. Remove all cleaning media and debris by vacuum or blowing with high-pressure, oil-free air.

For OLD CONCRETE: Thoroughly clean surface with a grease-cutting detergent to remove grease and oils, and remove any loose or unsound concrete by chipping, scarifying, shotblasting, sanding, or grinding. Proceed as for new poured concrete.

For PREVIOUSLY COATED CONCRETE: Remove any peeling or degraded paint by sanding or using a paint stripper. For intact paint, thoroughly clean the surface with a strong detergent, then lightly sand to remove any gloss. Treat any areas worn down to the original concrete as bare concrete.

MIXING PROCEDURE: ACEPROOF Ener-G'guard - High performance acrylic elastomeric coating is ready-to-use liquid. Shake the container well before use. Thinning is not recommended.

APPLICATION PROCEDURE: Remove all standing water by vacuum or

blowing with oil-free, compressed air prior to installation. ACEPROOF Ener-G'guard - High performance acrylic elastomeric coating should be installed on dry surfaces. Apply ACEPROOF Ener-G'guard - High performance acrylic elastomeric coating by brush, roller, spray or squeegee. Give 3-4 hour drying time before installation of second coat. Second coat should be applied on opposite direction.

LIMITATIONS:

- It is not recommended to use on surface where continuous temperature exposure above 100°C.
- Not recommended in some manufacturing facilities where heavy chemicals are used. Consult Technical Services on questionable installations.
- Colours may be slightly different than shown. When colour considerations are critical, a mock-up should be constructed prior to final application.

COVERAGE: 50 sft/ltr. Coverage will vary depending upon surface undulation and application variation person to person.

PROTECTIVE MEASURES: The use of safety glasses and chemically resistant gloves is recommended. Use appropriate clothing to minimize skin contact. The use of a NIOSH-approved respirator is required to protect respiratory tract when ventilation is not adequate to limit exposure below the PEL. Refer to Material Safety Data Sheet (MSDS) available at msds for detailed information.

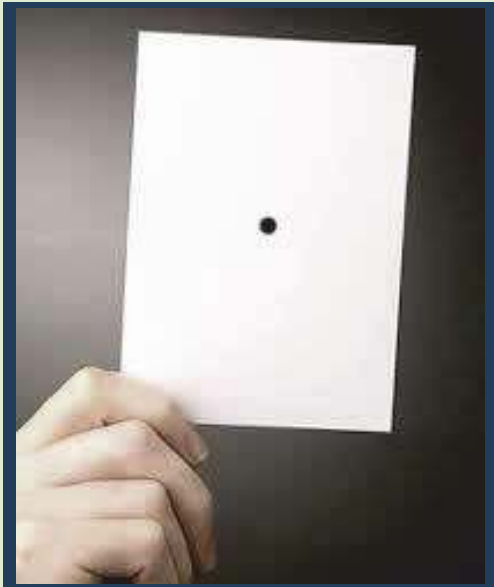
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THE BLACK SPOT

Be grateful for small things, big things and everything in between. Count your blessing not your problems. When you find that many people are worse off than you are, you'll learn to count your blessing. We often keep on complaining about our problems rather than being



happy with what we have. In the course of complaining and worrying about small things we lose the happiest movements of our life. Here is a story about a small test conducted in the class to see the way of thinking of each student.

One day a professor entered the classroom and asked his students to prepare for a surprise test. They waited anxiously at their desks for the test to begin. The professor handed out the question paper, with the text facing down

as usual. Once he handed them all out, he asked his students to turn the page and begin. To everyone's surprise, there were no questions... just a black dot in the center of the page. The professor seeing the expression on everyone's face, told them the following:

"I want you to write what you see there."

The students confused, got started on the inexplicable task.

At the end of the class, the professor took all the answer papers and started reading each one of them aloud in front of all the students. All of them with no exceptions, described the black dot, trying to explain its position in the middle of the sheet, etc. etc. etc. After all had been read, the classroom silent, the professor began to explain:

"I am not going to grade on you this; I just wanted to give you something to think about. No one wrote about the white part of the paper. Everyone focused on the black dot – and the same happens in our lives. We have a white paper to observe and enjoy, but we always focus on the dark spots. Our life is a gift given to us by God, with love and care, and we always have reasons to celebrate – nature renewing itself everyday, our friends around us, the job that provides our livelihood, the miracles we see everyday.....

However we insist on focusing only on the dark spots – the health issues that bother us, the lack of money, the complicated relationship with a family member, the disappointment with a friend etc

The dark spots are very small compared to everything we have in our lives, but they are the ones that pollute our minds.

Take your eyes away from the black spots in your life. Enjoy each one of your blessings, each moment that life gives you.

Be happy and live a life positively!

CONTRIBUTE YOUR ARTICLE...



Dear Reader,

This news letter is a medium to put together our thoughts. It is our pleasure to communicate with you through it and we are eager to give needful information to the readers/clients in this industry. As an interactive platform we request all our readers and stakeholders to actively participate by contributing your thoughts and knowledge. **ACETIMES** will publish articles written by you relating to the industry in coming issue. Do walk us in this journey too. We are also approaching the experts in the industry to make **ACETIMES** the most useful informative news letter of the industry. Kindly send in your articles/ views for **ACETIMES** to this e-mail id: acetimes@acebond.in

Awaiting your response.

Editor

Act as if what you do makes a difference. it does.

- William james

Masons meet at Davanagere



Feel free to give your views, feed back, ideas and opinions related to this field. You may be the next face in our news letter.

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Our Vision

We aspire to be a world class organisation with advanced products, processes, unmatched performance and quality. We are committed to delight our stakeholders with unlimited solutions at our single hub-"ACECRETE"

Our Mission

To innovate continuously and provide unique solutions in construction technology.

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