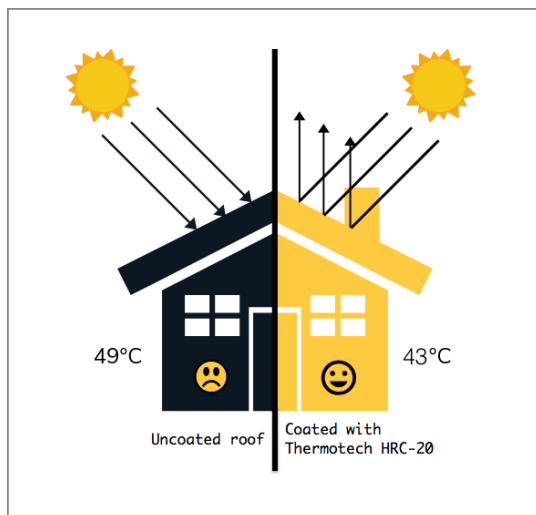


THEMOTECH HRC-20

-Heat Reflective Coating for Roof Surface

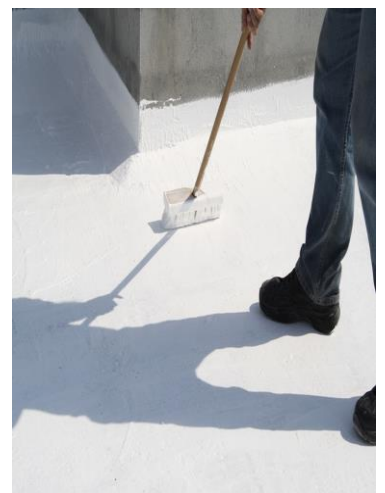


PRODUCT DESCRIPTION

THERMOTECH HRC-20 contains highest quality of selected Acrylic Resins combined with insulating and reflective fillers. It is a bright white coating having high reflectivity to sun's rays, hence keeping interiors cool during hot summer months. It is suitable for use on all types of horizontal and vertical surfaces. Being water base it is an ecofriendly coating.

ADVANTAGES

- Reflects upto 60% of sun's rays
- Keeps interiors cool-lesser energy costs
- Greatly reduces thermal load on surface
- Good adhesion to almost all surfaces like concrete, wood etc.
- Can withstand building movements.
- High temperature resistance will not crack, peel or spall.
- Prevents growth of fungus, algae, mildew etc.
- Single component easy to use.
- Performance of Product : Depend upon SURFACE AND APPLICATION
- EXPECTED LIFE AFTER APPLICATION IS 2 TO 3 YEARS



APPLICATIONS

As a reflective coating it can be applied on all types of masonry surfaces like external walls of buildings, parapets, chajas. All kinds of roofs, flat, sloping, inverted or even domes, steeples etc. it can also be applied on industrial roofs of GI, AC Sheets etc.

PREPARATION

- Clean all foreign matter such as dirt, dust, grease, laitance, mortar droppings, loose and flaking materials. Moss and fungus must be removed using suitable fungicide solution or bleach or dilute HCL solution, thereafter wash thoroughly.
- Necessary repairs to defects must be carried out prior to coating like crazed unstable or hollow surfaces, major cracks, any protrusion, outlets, construction joints etc. For cracks and joints use our Crackseal Caulking Compound.
- All surfaces to be treated must be properly prepared, sound clean, dry and fully cured and ready. New concrete to be cured thoroughly for 28 days prior to coating.

METHOD OF APPLICATION

- No primer required unless otherwise recommended for areas which cannot be prepared.
- THEMOTECH HRC-20 can be applied by brush or roller.
- Apply first coat on prepared surface. Apply second coat within 8 hours at right angles of the first coat. Inter-coating interval should not be more than 8 hours.
- Finishing THEMOTECH HRC-20 should simultaneously be applied to all openings, protrusions, outlets, parapet walls, couplings, gutter valleys and expansion joints forming a good seamless, watertight finish. Treated surface should be allowed to cure for minimum 72 hours.

PACKING

1L,4L,20L

PROPERTIES

Color	White and in some selected shades in demand
Finish	Smooth and Matt
Drying Time°Surface Dry	3 to 4 hours
Hard Dry	10 to 12 hours
Recommended	2-3 Coats depending on surface
DFT	70 – 80 Microns per coat
Coverage	70 – 80 sq. ft./ltr./coat
Elongation	100%

CLEANING OF TOOLS

Clean the tools, brush immediately with water.

STORAGE

Store in a cool, dry place away from direct sunlight.

PRECAUTIONS

- The surface to be treated should be clean and firm.
- Do not apply on fresh concrete. Apply only after 28 days of curing.
- Do not commence application when rain seems imminent.
- Ambient temperatures shall not be below 5° C and more than 45°C. Avoid working during afternoons when temperatures are maximum. Do not apply during inclement weather or when rain appears imminent.