

ThermaCote®

What is the most effective way to reduce the temperature and protect the asphalt of your parking lots?



ThermaCote® reduces the temperature, while simultaneously protecting your asphalt.



**THERMAL
INSULATION**



WATERPROOFING



ANTI-MOISTURE

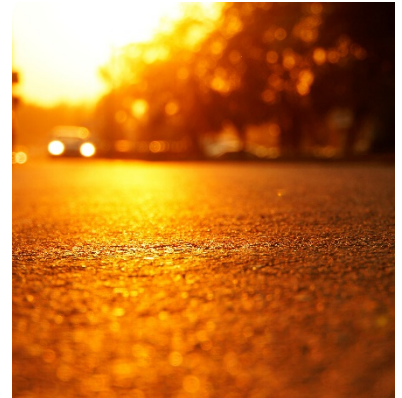


BREATHABLE

How does ThermaCote® reduces the temperature and protect your asphalt?

Heat can cause cracks in your asphalt.

Dark pavement gets hot in the sun because it can absorb 80-95% of sunlight. Asphalt black tops can become upwards of 70 degrees Celsius on even a moderately sunny day. Hot pavements aggravate urban heat islands by warming the surrounding air, and this contribute to global warming by radiating heat into the atmosphere. Pavement can aggravate urban heat islands because they comprise about one third of urban surfaces. Cracks caused by heat can result in water seeping in. The water can damage the asphalt by eroding the sub-surface layers. This results in an air gap forming within the pavement. Hot pavement can also raise the temperature of storm water runoff.



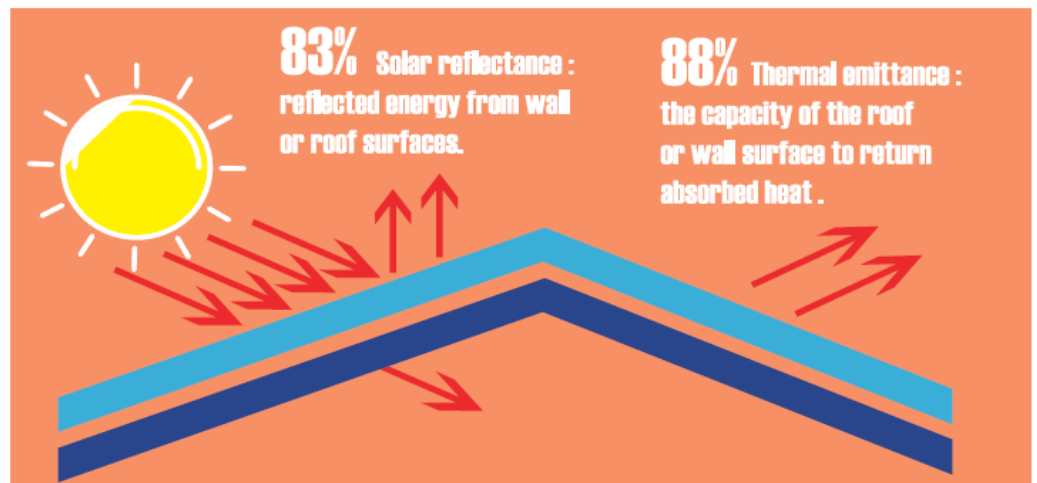
If you want to reduce the temperature and protect your new or existing parking lot, you should seriously consider applying ThermaCote® on your asphalt.

ThermaCote® is an asphalt protection coating.

The act of coating a surface with ThermaCote® helps that surface resist absorption of heat caused by changes in temperature or exposure to direct sunlight. ThermaCote® can be the solution for reducing the surface temperature while combating the common issue of the Urban Heat Island Effect in residential areas. ThermaCote® adds traction for parking structures without the addition of aggregate materials. This gives our coating the special ability to maintain a smooth finish when applied, while reducing skid and slips simultaneously. When tested in wet conditions, ThermaCote® improves the safety of regular asphalt and concrete surfaces and is proven safe for vehicular and pedestrian traffic in parking lots in accordance with the slip and skid resistance standard of California (ASTM C1028 and California Test 342). ThermaCote® is not slippery when wet! Finally, by reducing asphalt temperature, we avoid cracks and erosion.

More advantages of ThermaCote®:

- ✓ Thermal insulation of roofs and facades.
- ✓ saving up to 40% energy
- ✓ Increases efficiency of HVAC-R systems.
- ✓ Increases efficiency of PV solar panels.
- ✓ Quick application
- ✓ Durable and Quality



Thermal resistance $R = 1,87\text{m}^2\text{K/W}$ - Thermal transmittance : $U = 0,53\text{W/m}^2\text{K}$ - Solar reflectance index SRI : 104

Distributor:

Applicator: