

PAVING THE ROAD FOR THE NEXT GENERATION



STORY

EKO YOL WAS FOUNDED IN 2012 AND IS ENGAGED IN THE SEARCH FOR THE BEST WAYS TO PROLONG THE LIFE OF ASPHALD PAVEMENT BY DEVELOPING A PRODUCT THAT PRESERVES THE PAVEMENT FOR A LONG TIME WITHOUT COMPROMISING PROBLEMS ENVIRONMENT LIKE THE GREENHOUSE EFFECT. OUR REPUTATION IS BUILT ON EXCELLENCE IN ROAD MAINTENANCE.

EKO YOL HAS THE ABILITY AND EXPERTISE TO PROVIDE ALL THE MATERIALS, LABOR AND EQUIPMENT NEEDED FOR ROAD MAINTENANCE. INTERNAL MONITORING OF ALL ASPECTS OF THE PROJECT IMPROVES QUALITY CONTROL AND PROVIDES A BETTER END PRODUCT FOR OUR CUSTOMERS.

TODAY, WITH CANADIAN RESEARCH AND DEVELOPMENT DIVISIONS, WE HAVE IMPROVED OUR PRODUCTS BY INVESTING IN ENGINEERING AND SCIENTIFIC PRACTICE.

OUR EXPERIENCE IS NOT LIMITED TO CONSERVING OR CONSERVING INFRASTRUCTURE, WE ALSO INTERVENE IN ASPHALD AND CONCRETE PAVING, AS WELL AS MOST RELATED WORK, INCLUDING REPAIR, ROAD STABILIZATION AND DUST PREVENTION.

THIS LEGACY CONTINUES TODAY, EKO YOL IS NOW MORE ACCESSIBLE THAN EVER!

ENJOY YOUR VISIT AND SEE YOU VERY SOON,

"PAVING THE WAY FOR THE NEXT GENERATION AND BEYOND"



OUR GOAL

- REVOLUTIONIZE THE WAY ASPHALT IS MAINTAINED.
- CHANGE THE ATTITUDE THAT TREATS ASPHALT AS DISPOSABLE.

ASPHALT PAVEMENT

- UNSTABLE PRICE AND MORE EXPENSIVE
- NEEDS REGULAR MAINTENANCE.
- CRACKS & DEFORM
- WIDE RANGE OF MACHINERY TO BUILD.
- LIMITED LIFESPAN
- SIGNIFICANT ENVIRONMENTAL IMPACT



INDUSTRY NEEDS...

- A STRONG WEARING SURFACE THAT IS UNAFFECTED BY U.V., WATER, OIL, DIESEL, AUTOMOTIVE FLUIDS, AND GASES, WHICH PROTECTS AND EXTENDS THE LIFE OF ASPHALT PAVEMENT.
- A PAVING MATERIAL THAT IS COST EFFECTIVE THAT WILL SIGNIFICANTLY REDUCE MAINTENANCE COSTS.
- A PAVING MATERIAL THAT ELIMINATES THE NEED FOR TOXIC AND TEMPORARY SEALING MATERIALS.
- AN ENVIRONMENTALLY SAFE PRODUCT THAT HAS HIGH SOLAR REFLECTANCE.
- A STAND-ALONE PAVING MATERIAL THAT IS NOT AFFECTED BY OIL PRICES.
- A PAVING MATERIAL THAT ENHANCES THE COMPETITIVENESS OF ASPHALT WITH CONCRETE (SUPERAVE TECHNOLOGY).

WENED A CHARGE!

THE REVOLUTIONARY PAVING TECHNOLOGY EKO-SEAL HPPCO®

® ALL RIGHTS RESERVED AND BELONGS TO EKO YOL



HIGH
PERFORMANCE
POLYMERIC
COMPOSITE
OVERLAY

8mm. PROTECTIVE CRUST OVER THE ASPHALT PAVEMENT









DESIGNED TO FIT!

EKO-SEAL DESIGNED TO BE APPLIED OVER

- NEW ASPHALT
- OLD & OXIDIZED ASPHALT
- SPALLED CONCRETE
- ROLLER COMPACTED CONCRETE
- PROPERLY PREPARED METAL SURFACES















NO MORE ROAD DEBRIS!

SECURELY BONDS TO

- ASPHALT PAVEMENT
- CHIP SEAL
- POLISHED STONE
- BITUMINOUS PRODUCTS
- CONCRETE
- PRIMED METAL

NO MORE BROKEN WINDSMIELDS!

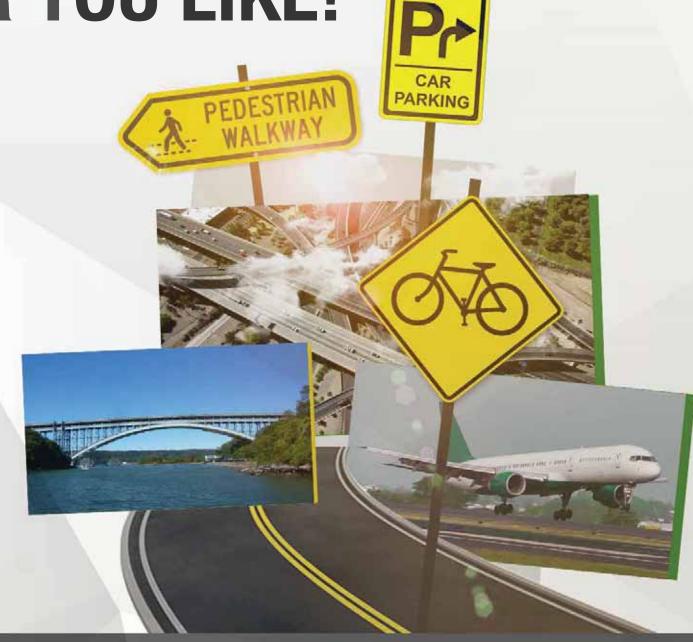
- ELIMINATES BOUNCING ROAD DEBRIS & AGGREGATES
- SAFE DRIVE FOR DRIVERS, VEHICLES.



WHEREVER YOU LIKE!

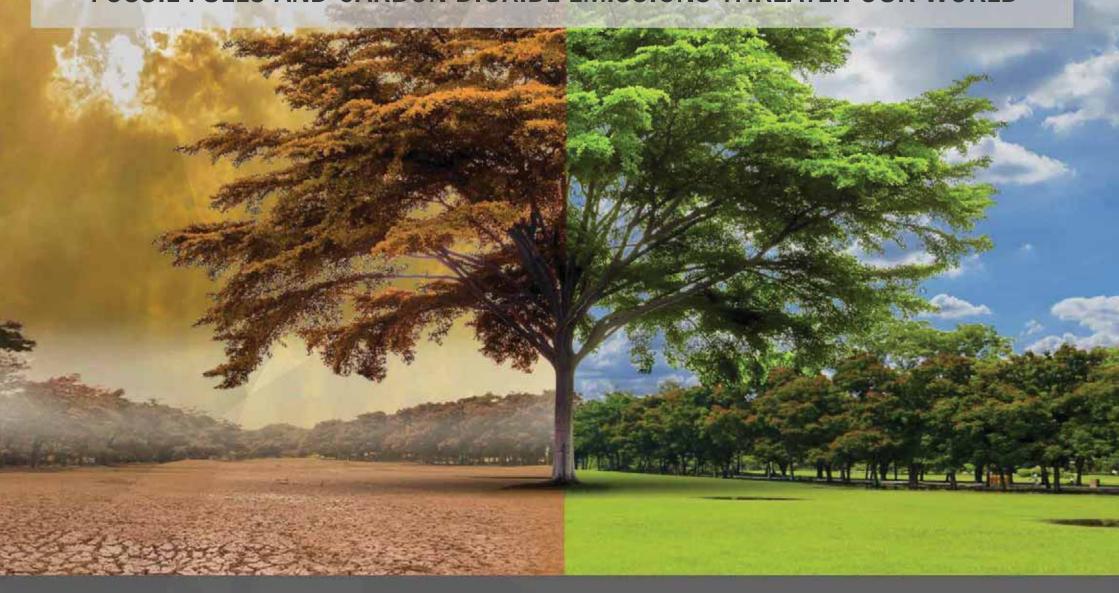
EKO-SEAL IS APPLICABLE

- HIGHWAYS
- URBAN ROADS
- ROAD TUNNELS
- CAR PARKS
- PEDESTRIAN WALKWAYS
- AIRPORT TAXIWAYS
- RACING TRACKS
- BRIDGES
- PORTS
- BICYCLE PATHS
- WALLS AND ROOFTOPS



GLOBAL WARMING & CLIMATE CHANGE

FOSSIL FUELS AND CARBON DIOXIDE EMISSIONS THREATEN OUR WORLD



ASPHALT PAVEMENTS **COVER MORE THAN**



ON THE EARTH SURFACE.

ASPHALT PAVEMENTS GENERATE

TOXIC FUMES & CARCINOGENIC PETROLEUM HYDROCARBONS



SERIOUS PUBLIC HEALTH ISSUES

- CANCER
- ASTHMA
- NAUSEA
- HEADACHES
- SKIN RASH
- BRONCHITIS
- WATER POLLUTION



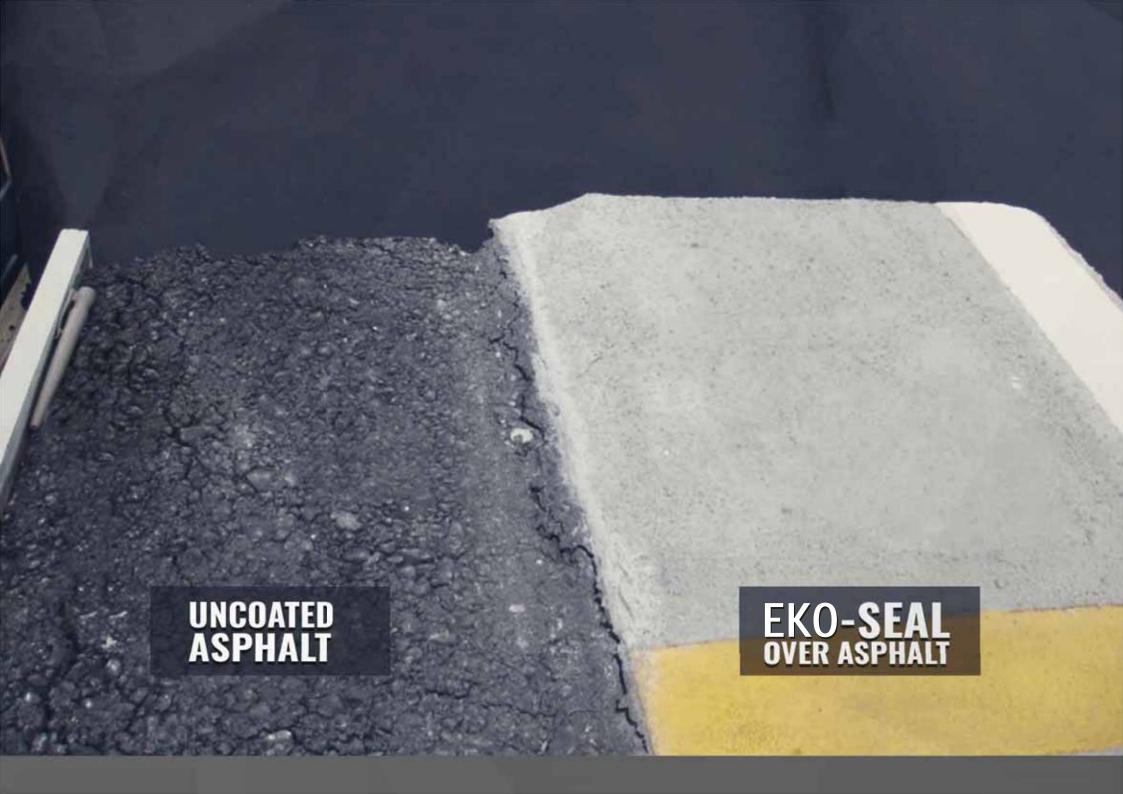
EKO-SEAL THINKS GREEN

NO TOXICS NO BHUMEN NO SOLVENT



PREVENTS THE EMISSION OF ALL TOXIC MATERIALS FROM ASPHALT





AVERAGE OF SURFACE TEMPERATURES

WHEN THE AIR TEMPERATURE IS 25°C

	77°F
A.	·

MATERIAL	AVERAGE SURFACE TEMPERATURE (°C)
ACDUALT	40405

ASPHALT 104°F

PAVERS 98.6°F

CONCRETE 91.4°F

GRASS 77°F

STUDIES BY UNIVERSITY OF CALIFORNIA, BERKELEY, K.GUAN, 2011

EKO SEAL 84.2°F

URBAN HEAT ISLAND

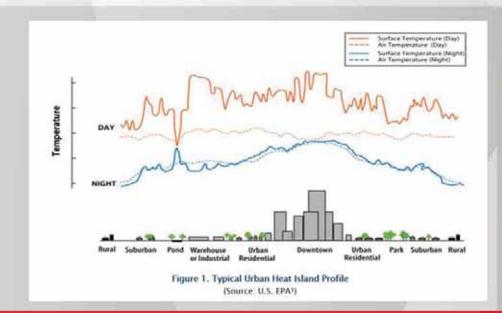
- THE TERM IS DESCRIBED BY THE EPA (US ENVIRONMENTAL PROTECTION AGENCY) AS URBAN AREAS THAT ARE
 USUALLY WARMER THAN THEIR RURAL SURROUNDINGS.
- ASPHALT PAVED AREAS, CAN ABSORB AND STORE MUCH OF THE SUN'S ENERGY CONTRIBUTING TO THE URBAN HEAT ISLAND EFFECT, ACCOUNTED FOR NEARLY 30 TO 45 PERCENT OF LAND COVER.
- ACCORDING TO EPA, THE ANNUAL MEAN AIR TEMPERATURE OF A CITY WITH 1 MILLION PEOPLE OR MORE CAN BE 1–3°C WARMER THAN ITS SURROUNDINGS.

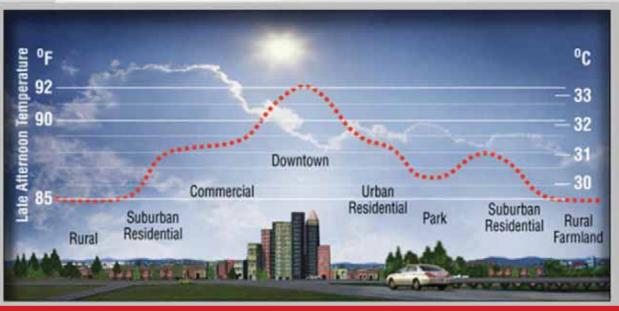




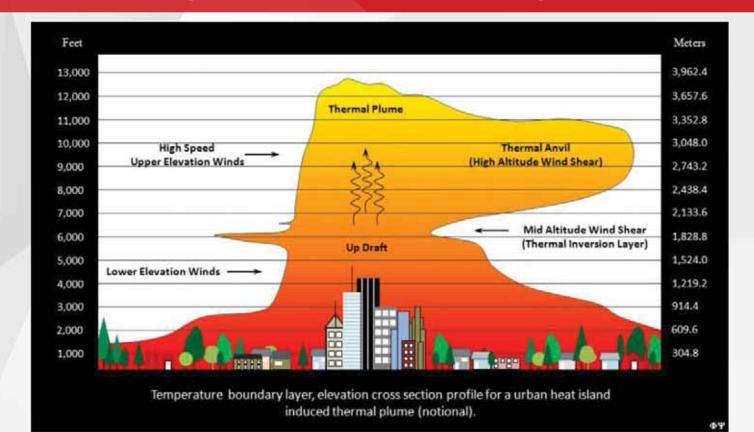
THIS INFRARED IMAGE DEMONSTRATES THAT THE LIGHTER PAVEMENT (BOTTOM) IS ABOUT 17°C (62°F) COOLER THAN THE DARK PAVEMENT (TOP).

(PHOTO- BERKELEY NATIONAL LABORATORY)





URBAN THERMAL PLUME



HIGH SOLAR REFLECTIVE

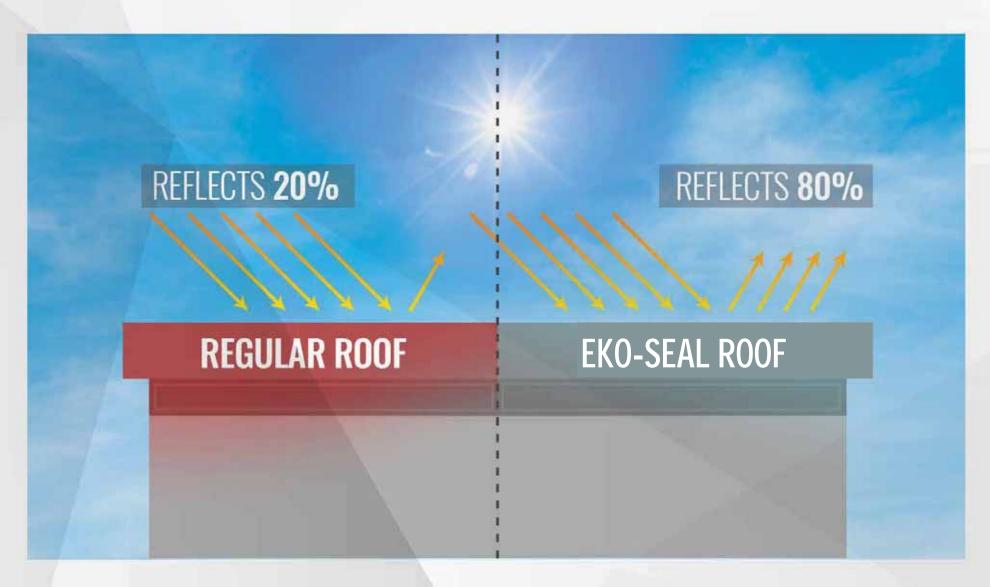
SUNLIGHT REFLECTION

REFLECTS 10%

REFLECTS 60%

ASPHALT

EKO-SEAL



HEAT ISLAND GROUP, LBNL

HEATING OF SURROUNDINGS BY REFLECTED RADIATION



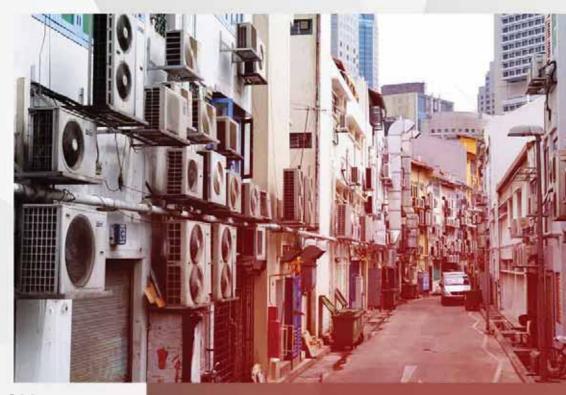
THERMAL IMAGES AT 13:00 8/15/2012





LIGHTER IS HOTTER, RANGE 30 TO 149°F

REDUCES URBAN HEAT BY UP TO 50°F DEGREES



PROVIDES SIGNIFICANT DECREASE IN ENERGY DEMAND FOR AIR CONDITIONING

BEST PRICE

FOR BEST PERFORMANCE!

- EXTREMELY COST EFFECTIVE
- THE LEAST EXPENSIVE & THE ONLY PAVEMENT PRESERVATION AVAILABLE MATERIAL.

MAINTENANCE FREE!

- . NO EXTRA BUDGET.
- . NO REPAIRING COST.
- . NO EQUIPMENT & FUEL COST.
- . NO LABOR COST.
- . NO OPPORTUNITY COST.



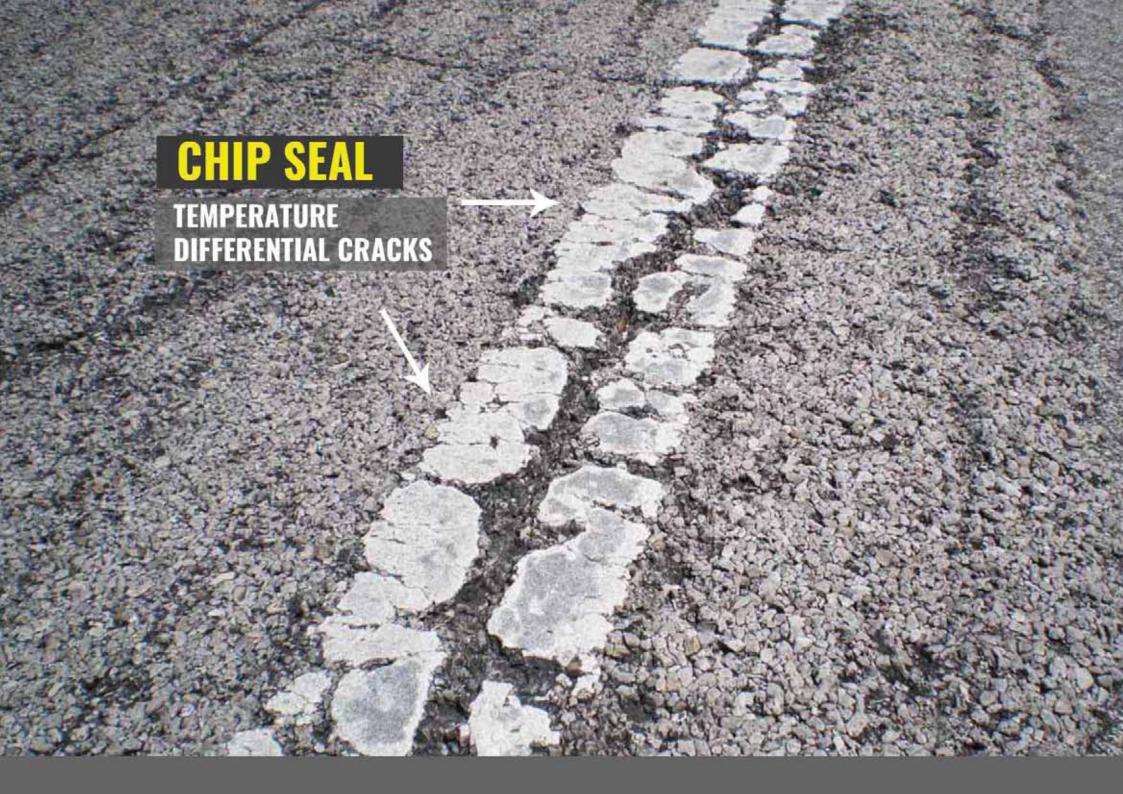
BORN STI

- . WATER
- . ULTRAVIOLET LIGHTS
- . OXIDATION
- . CHEMICAL SPILLS
- . SALT
- . DEICING FLUIDS

SOLAR HEAT TEST

A 5 CM THICK SLAB OF ASPHALT WAS TREATED HALF WITH THE **EKO-SEAL HPPCO®**, AND THE OTHER HALF LEFT UNTREATED. THE PANEL WAS THEN EXPOSED TO SUNLIGHT FOR 5 HOURS IN **98.6°F** HEAT

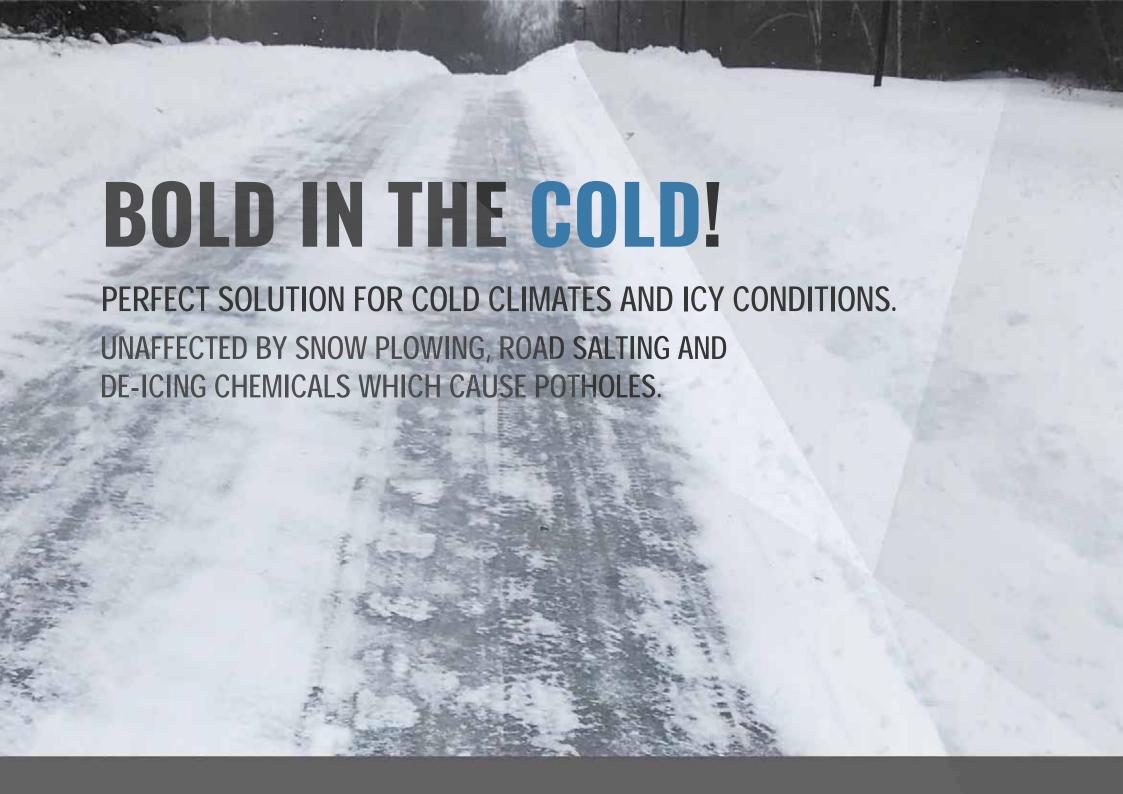




MOST DURABLE EVER!

- NO FADING
- NO PEELING
- NO DE-LAMINATION







GROOVED ANTI HYDROPLANE SURFACE







EASY TO APPLY!

TOTALLY COLD-MIX APPLICATION

PLACING WITH PLASTIC BRUSH

NO BIG MACHINERY EQUIPMENT REQUIRED

NO MILLING





HIGH VOLUME PLACER & SPREADER







ASPHALT PAVEMENT MACHINERY



ASPHALT PAVEMENT



- WIDE RANGE OF MACHINERY
- INTENSE WORKFORCE
- HEAVY BUDGET & FUEL COSTS

EKO-SEAL



- 1 TRUCK
- 4 UNSKILLED EMPLOYEES
- AFFORDABLE PRICES & EASY PLANNING

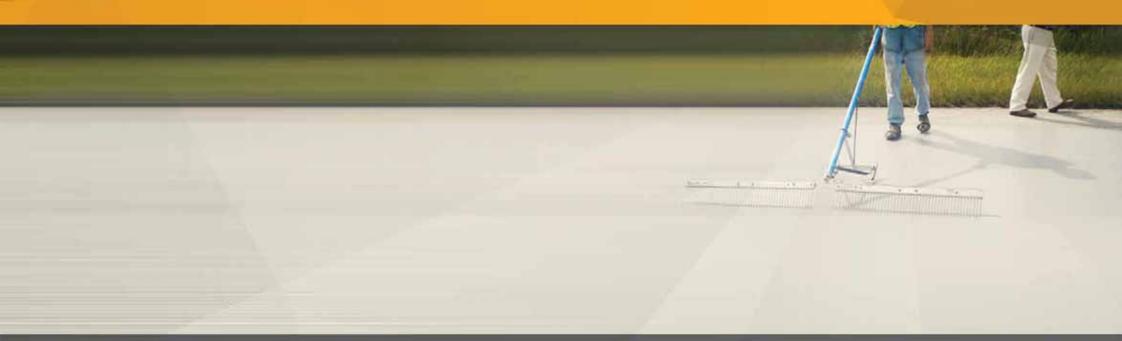




INCREASED FRICTION

- . OPTIMIZED ROAD HANDLING AND BRAKING PERFORMANCE.
- . SAFE AND DESIRABLE FRICTION VALUES

MULTIPLE FRICTION TESTS ON 91.4 MT SITE, AT 64 KM/H. AVERAGE FN NUMBER OF 51.1, A HIGH FN OF 51.8 AND A LOW FN OF 50.4.

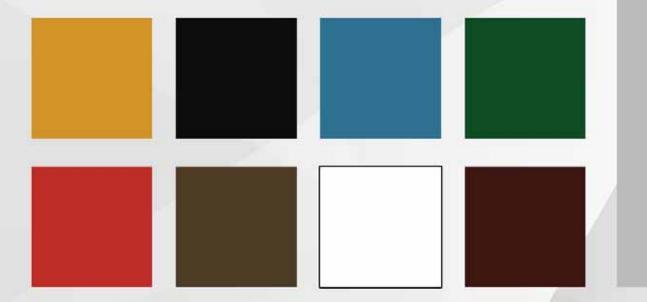






CHOOSE YOUR COLOR!

AVAILABLE IN ALL PRIMARY COLORS.

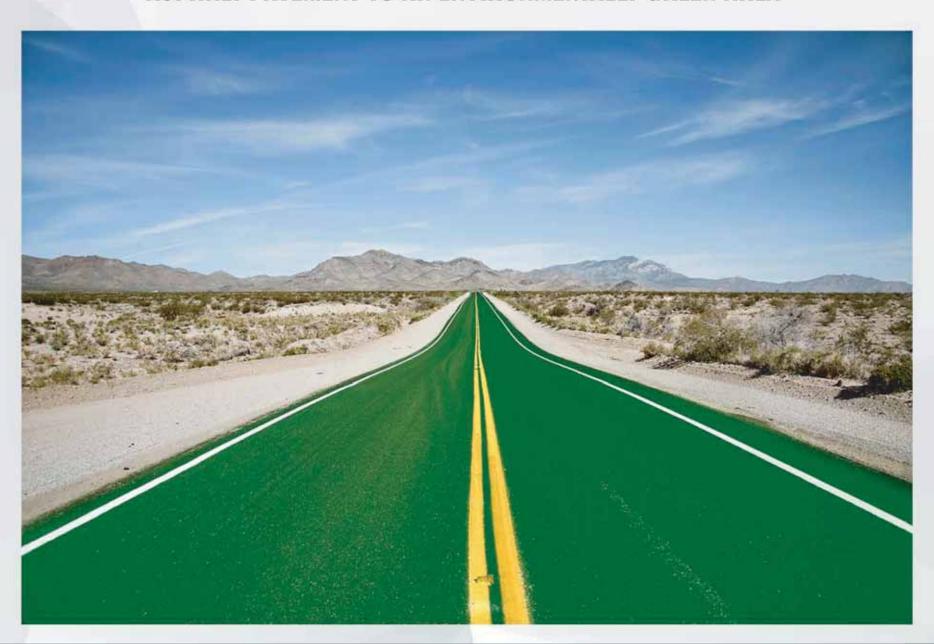






- DRIVE YOUR BUSINESS FORWARD
- SAVE MONEY
- CONTRIBUTE TO PUBLIC HEALTH
- IMPROVE SUSTAINABILITY

EKO-YOLTURN AN ORDINARY **ASPHALT PAVEMENT TO AN ENVIRONMENTALLY GREEN AREA**





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