



LAVA GRIP

ICE TRACTION AID

TO ORDER, CONTACT SALES@LAVAGRIP.COM

NATURAL VOLCANIC ROCK



-  UNIQUE SHAPE PROVIDES IMMEDIATE TRACTION
-  PREVENTS SLIPS & FALLS
-  NON-CORROSIVE
-  PET AND PAW SAFE
-  SAFE FOR CONCRETE & WOOD
-  REDUCES TRACKING/ NO SALT STAINS
-  EFFECTIVE IN ANY TEMPERATURE

Ice Salt 'Deemed' a Toxic Substance



Environment Canada

completed a five-year study in 2001 that concluded road salt should be added to its list of toxic substances, although the department did not actually ban the use of road salt.

Source: TVO, Oversalted: Why Ontario needs a new approach to snow removal, Jan 17, 2018, Author: Tim Alameciak

ISSUES/PITFALLS – CURRENT ICE MANAGEMENT APPROACH

- ENVIRONMENTAL POLLUTION AND CONTAMINATION *Did you know?* Road salt can pose serious environmental hazards including, (but not limited to) impacts to water course and overall ecology.
- SLIPS AND FALLS *Did you know?* Salt typically stops working in temperatures below -6°C, and de-icers need to be applied prior to precipitation events.
- ANIMAL INJURIES AND ILLNESS *Did you know?* Paw injuries are common in pets and wildlife, and road salt can be a serious hazard in animals paws, heating up to 170 degrees.
- INFRASTRUCTURE *Did you know?* Corrosion or rust can cause considerable damage to infrastructure including, municipal roads, bridges, buildings, parks, paths and vehicles.
- TRADITIONAL ICE MANAGEMENT *Did you know?* Will damage concrete (especially new/treated concrete) and will eat away at Asphalt and Wood.

THE BEST AVAILABLE TRACTION AID



- LavaGrip delivers instant traction as soon as it's applied. No waiting for ice to melt!
- LavaGrip material has no smooth surfaces, the structure of the product is jagged, and irregular in shape with sharp edges
- LavaGrip material bites into the surface, like a tooth on ice, gripping the ice
- LavaGrip is dark black in colour which warns people to watch their step ahead. Also, being dark in colour it allows the material to absorb the sun's heat and further embed itself in the ICE
- LavaGrip doesn't have to be applied as regularly as competitive de-icers, providing additional cost savings (labour & product usage)
- LavaGrip is so durable, that at the end of the year you can sweep it up and reuse it

Cost Savings

- Fewer applications
- LavaGrip stays in place
- Doesn't promote thaw
- Provides continuous ongoing traction



• SAFE FOR VEGETATION (ALL)



LAVAGRIP



SALT/DE-ICER

- LavaGrip is all-natural and the products composition includes key plant nutrients (including phosphorus, potassium, calcium, magnesium, copper, zinc, iron & manganese)
- LavaGrip has no environmental impact on surrounding vegetation
- LavaGrip can be swept onto any soil (grass/garden) and will act as a soil conditioner to replenish the nutrient value of soil

• NO TEMPERATURE LIMITATIONS



LavaGrip Benefit

- LavaGrip can be used in any temperature with no limitations to how cold it gets

Salt

- Ice Salt will effective only until temperature is above -6°C

Chemical Melts

- Limited by temperatures
 - Ice Melt limited to -21°C
 - Pet Friendly versions limited -12°C

• COMPLETELY SAFE FOR PETS & ANIMALS



LAVAGRIP



SALT/DE-ICER

LavaGrip is safe for Pet's and Animals Paws. Did you know that Ice Salt in Pet's Paws can heat up to 180° and cause severe pain?

Public Facilities

Health care Facilities

Pet Owners

Water Protection

Automobiles/Transportation

Municipalities/Cities/Townships

• NON-CORROSIVE



SALT/DE-ICER

- LavaGrip is completely innate, without corrosive properties and will not damage concrete, metals or any material prone to corrosion
- Completely safe for use on New Bridge construction

• PROVIDES INSTANT TRACTION FOR VEHICLES



LavaGrip Benefit

- LavaGrip provides traction for all vehicles and can provide the ability to gain instant traction when dealing with icy roads and conditions.
- Every Vehicle should have a jug of LavaGrip as part of an emergency kit
- Saves costly towing charges
- Keeps Municipal & Emergency vehicles on the roads

• OPERATIONAL OVERVIEW



APPLICATION

- Can be laid down with any traditional Spreader - Truck, Hand or Push

APPLICATION LOGISTICS

- Available in 4.5 kg, 8 kg, 16 kg bags or 1000 kg Bulk Totes
- Bulk Totes where purchased & delivered (Palletized as requested)
- Totes have bottom drawstring release for easy unloading

DISTRIBUTION POINTS

- 8 Distribution Points across Canada.
Langley, BC | Edmonton, AB | Winnipeg, MB | Mississauga & Welland, ON | Montreal, QC | Halifax, NS | Moncton, NB

TESTIMONIALS

I bought a trailer load of LavaGrip for the 2019-20 winter season. We used it on our paved and concrete surfaces. I would describe our use of LavaGrip as a major success. It provides superior grip so, enhanced the safety of our workers. It tracks less so our buildings were much cleaner. It is environmentally friendly and we had to put down less than the amount of chemical and salt we usually use.

Our workers loved using it. It didn't burn through their gloves and clothing.

Suncor Energy
Canada

We use LavaGrip. It works right away as soon as you apply it to the ground. Well worth having in the emergency truck.

Sean
Paramedic