



CHILIWACK

SNOW REMOVAL

Rock Salt vs. Brine

For years, rock salt has been the go-to solution for winter ice management. However, it comes with limitations, such as, high corrosiveness, slower results, and supply shortages in BC during long or heavy winters. Brine is a newer, safer, and more effective option that reduces costs, improves safety, and helps protect property and the environment.

Rock Salt

- **Temperature Limitations:** Only works down to about **-10°C**. Ground temperatures are often colder than air, which means salt may not activate when needed most.
- **Slow Activation:** Needs time to break down before melting begins, increasing the risk of slips and falls.
- **Corrosion Risk:** Damages concrete, asphalt, and equipment (pitting/spalling).
- **Interior Damage:** Easily tracked inside, harming floors and carpets.
- **Safety Concerns:** Can irritate pets' paws and affect their health if ingested.
- **Environmental Impact:** Damages plants and fish habitats when washed into waterways.
- **Supply Risk:** Rock salt has been unavailable in BC **3 times in the past 10 years**, causing service disruptions.

Brine

- **Superior Cold Performance:** Works down to **-35°C** (and can be mixed for even colder conditions).
- **Immediate Action:** Liquid form starts working right away essential for sudden freezes.
- **Lower Corrosion:** Uses about **75% less sodium chloride**, making it far gentler on concrete, asphalt, and equipment.
- **Cleaner Indoors:** Less tracking into buildings.
- **Pet & Plant Friendly:** Safer for pets, landscaping, and greenery.
- **Eco-Conscious:** Uses less sodium chloride, reducing harm to waterways and the environment.
- **Longer Lasting:** Stays bonded to asphalt better than rock salt, reducing re-applications and overall cost.
- **Reliable Supply:** We make our own brine, therefore, minimal risk of shortage