

# Isomelt

De-icer Range

## Use

Isomelt is a powerful chloride-free solid de-icer designed for ice control in sensitive areas such as airports, car parks, bridges and elevated reinforced structures where corrosion is a problem.

## Formulation

Isomelt is a chloride free, sodium acetate and sodium formate blend with corrosion inhibitors

## Pack Size

25, 500 kg

## Function of Isomelt

Isomelt is a powerful de-icer, based on a blend of sodium acetate and sodium formate, offering low environmental impact. Isomelt is an anhydrous material, it actively seeks moisture and produces heat as it dissolves, speeding up the deicing performance and drilling into ice deposits. In addition to being chloride free, it contains corrosion inhibitors to conform to the SAE aerospace standard AMS 1431, the specification for use on runways and taxiways.

Isomelt is granulated to similar size parameters as salt and is manufactured to precise dust free particle sizing. The carefully controlled granulation process ensures that the product spreads extremely effectively and accurate application is possible using standard spreading equipment. It is also fully biodegradable.

- **Non-Corrosive:** Traditional de-icers contain a high level of salt and chloride which is corrosive and damaging to both infrastructure and the environment. In comparison, Isomelt is non-corrosive and chloride free.
- **Fast Acting:** Isomelt is an extremely effective deicer and starts to work immediately, rapidly 'drilling' through ice and snow pack due to its anhydrous nature, allowing physical clearance more quickly than with conventional salt.
- **To Prevent Ice Formation:** Isomelt can be applied before a frost. This will prevent ice formation unless washed from the treated surface.



## ♦ Isomelt Certification

- SAE AMS 1431E



## ♦ Application of Isomelt

Load the required amount of Isomelt into your spreader and apply using the application rates stated below:

### Anti-Icing

Stage	Application Rate
	g/m <sup>2</sup>
Ice Forecast	25
Freezing Rain Forecast	50

### De-icing

Depth of Ice and Snow Pack	Application Rate		
	0 to -7°C	-7°C to -12°C	Below -12°C
	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>
Black Ice	25	40	50
< 12mm	35	45	60
12-25mm	40	60	80
25-50mm	60	90	120