DE-ICER
ISOMELT

Isomelt

De-Icer

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ISOMELT is a powerful deicer, based on sodium formate, offering low environmental impact. It is a chloride-free solid deicer for ice control in sensitive areas such as airports, car-parks, bridges, elevated reinforced structures and industrial applications where corrosion is a problem.

Since ISOMELT is an anhydrous material, it actively seeks moisture and produces heat as it dissolves, speeding its 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 extemely effectively and accurate application is possible using standard spreading equipment. It is also fully biodegradeable in wastewater treatment processes.

ISOMELT is an extremely effective deicer and starts to work immediately, rapidly 'drilling' through ice and snow pack due to it's anhydrous nature and creeping to allow the ice/pavement bond, allowing physical clearance more quickly than with conventinal salt.

Suggested rates of use for deicing are as follows;

g/m²

Depth of ice	0 to -7°c	-7°c to -12°c	Below -12°c
'Black ice'	25	40	50
<12mm	35	45	60
12-25mm	40	60	80
25-50mm	60	90	120

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Application

To achieve best results, apply the product as an anti-icer, before ice has formed. Suggested rates for anti-icing in advance of freezing conditions, snow or freezing rain are as follows. These suggested rates of use are for guidance only; the actual rate required varies with local conditions and the nature of the surface requiring the ice control:

Application Rate

Anti-Icing	Application rate
Ice forecast	25g per square metre
Freezing rain forecast	50 g per square metre

Pack Size

- 25 kg
- 1000 kg