



Isomex 3

De-icer Range

Use

Isomex 3 is a thickened chloride free liquid de-icer with corrosion inhibitors. Specifically designed for use on airports and runways.

Formulation

Isomex 3 is a non-corrosive potassium acetate formulation. It contains a thixotropic viscosity modifying agent to improve holdover performance.

Pack Size

10, 20, 1000 litres

Bulk supply

Function of Isomex 3

Isomex 3 is a non-corrosive de-icer with a low biological oxygen demand (BOD) and chemical oxygen demand (COD) making it less harmful to the environment. It produces no toxic ammonia on breakdown and effectively supersedes solid urea and glycol used in traditional deicing and is non-hazardous to operators.

- **Enhanced Holdover:** Isomex 3 is a specially thickened liquid de-icer, meaning it stays where it's needed for longer.
- **Non-Corrosive:** Traditional deicers contain a high level of salt and chloride which is corrosive and damaging to both infrastructure and the environment. In comparison, Isomex 3 is non-corrosive, chloride free and is a free flowing liquid for excellent coverage.
- **Aircraft Friendly:** Due to its non-corrosive properties Isomex 3 is safe to use around aircraft. It does not corrode cadmium plate, steel, plated steel, cable seals or carbon brakes
- **Lower Temperatures:** Isomex 3 maintains effective ice control to lower temperatures than salt, remaining active down to temperatures as low as -50°C.
- **Fast Acting:** Isomex 3 rapidly penetrates the snowpack or ice and quickly breaks the bond between the ice and the surface, allowing easy removal by brushing and shovelling. Any residual product that remains on the surface will inhibit further ice formation.
- **To Prevent Ice Formation:** Isomex 3 can be applied before a frost. This will prevent ice formation for 24-48 hours unless washed from the treated surface.





◆ Isomex 3 Certification

- SAE AMS 1435E
- MOD Def Stan 68-118/3

◆ Isomex 3 Approvals

- Lufthansa
- DERA
- AMIL
- BAA 14-Point Spec
- UK Environmental Agency
- SMI Inc

◆ Application of Isomex 3

Load straight from storage into your choice of applicator, and apply following the application rates stated below:

Anti-Icing

Stage	Application Rate	
	ml/m ²	g/m ²
Ice Forecast	14	18
Freezing Rain Forecast	20	26

De-icing

Depth of Ice and Snow Pack	Application Rate					
	0 to -7°C		-7°C to -12°C		Below -12°C	
	ml/m ²	g/m ²	ml/m ²	g/m ²	ml/m ²	g/m ²
Black Ice	35	45	51	65	70	90
< 12mm	38	50	51	65	70	90
12-25mm	50	65	70	90	124	160
25-50mm	70	90	109	140	241	310
50-75mm	152	195	202	260	389	500