

## 5. Thawrox+

### Saltech

#### SPECIFICATION

Product: **Thawrox+ (treated rock salt)**  
Issue: **14**  
Date: **February 2022**

Thawrox+ is an enhanced form of BS3247 rock salt that has been pre-mixed with an agricultural by-product (ABP). Added at a minimum of 2.5% by weight, ABPs have been shown to enhance the spreading characteristics of rock salt and improve adhesion to the road surface. Thawrox+ possesses powerful anti-icing and de-icing properties while offering reduced corrosion compared to standard rock salt.

#### CHEMICAL SPECIFICATION

Test methods are as specified in BS3247:2011 Salt for spreading on Highways for Winter Maintenance, except for 'ABP additive', which is tested during manufacture. A spectrophotometric method, which can provide indicative additive levels in the finished product, is available on request.

PROPERTY	UNIT	SPECIFICATION	TYPICAL ANALYSIS
Soluble Chlorides	%m/m NaCl	>87.0	91.0
Soluble Sulphate	%m/m CaSO <sub>4</sub>	<2.5	1.6
Insolubles	%m/m	<8.0	7.0
Moisture	%m/m	<4.0	2.0

Anti-caking agent	mg/kg	>30	55
ABP Additive	%m/m	>2.5	3.0

#### GRADING as 6mm Product

PASSING BS 410 TEST SIEVE	SPECIFICATION % m/m	TYPICAL ANALYSIS
10 mm	100	100
6.3 mm	100	100
2.36 mm	30-80	55
0.3 mm	<20	11

#### BULK DENSITY

Delivered product has a bulk density of approximately 1200 kg/m<sup>3</sup>.