

Elcometer 138 Abrasive Soluble Salt Test Kit - ASTM D4940



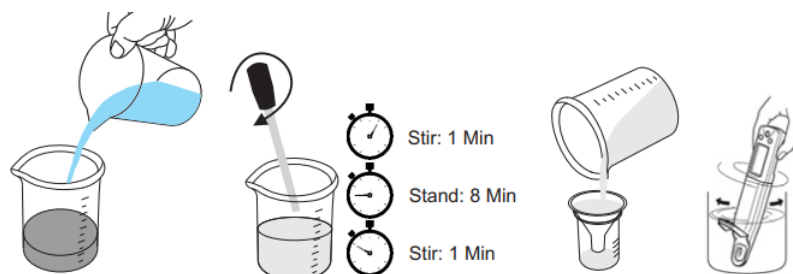
Abrasives used for blast cleaning surfaces can be contaminated with soluble salts due to the source or the re-use of the blasting media. This contamination can be transferred to the blast cleaned surface and result in accelerated corrosion conditions and also cause premature coating failure, if this contamination is not removed prior to applying the coating.

Testing abrasives on site for soluble salt contamination can be carried out quickly and easily using the Elcometer 138 Abrasive Soluble Salt Test Kit, according to the ASTM D4940 method. A measured volume of the abrasive is mixed with the same volume of water and agitated to allow any soluble salts to dissolve in the water. The resulting slurry is allowed to settle and the filtered water can then be tested using a conductivity meter.

The Elcometer 138 Abrasive Soluble Salt Test Kit provides all that is needed to carry out the test in the field or in the laboratory.

Technical Specifications

| Part Number | Description |
|-------------------|--|
| E138-A-CM | Elcometer 138 Abrasive Soluble Salt Test Kit with Elcometer 138 Conductivity Meter |
| Measurement Range | 0 - 19.99mS/cm (see Elcometer 138 Conductivity Meter for full specification) |
| Accuracy | ±2% of full scale (see Elcometer 138 Conductivity Meter for full specification) |
| Dimensions | 456 x 384 x 127mm |
| Weight | 2.2kg |



Packing List

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|---|
| Elcometer 138 Conductivity Meter |
| Calibration Solution 1413 μ S/cm; 14ml |
| Conditioning Solution; 14ml |
| Bottle of Pure Distilled Water; 1000ml |
| Glass Beaker; 100ml |
| Glass Beaker; 600ml |
| Plastic Measuring Beaker; 500ml |
| Funnel |
| Stirring Rod |
| Filter Papers; Box of 100 |
| CR2032 Lithium Batteries; x2 (supplied fitted to the Elcometer 138) |
| Transit Case & User Guide |



Accessories

| Part Number | Description |
|-------------|---|
| E138-CM | Elcometer 138 Conductivity Meter |
| T13830628 | Replacement Sensor for Conductivity Meter |
| T13830629-2 | Standard 1413 μ S/cm Calibration Solution; 250ml Bottle |
| T13827494 | Pure Distilled Water 1000ml Bottle |
| T13827495 | Glass Beaker 100ml |
| T13827496 | Glass Beaker 600ml |
| T13827498 | Plastic Measuring Beaker 500ml |
| T13827497 | Funnel |
| T13827499 | Stirring Rod |
| T13827500 | Box of 100 Filter Papers |