

# Elcometer 128 Pictorial Surface Standards



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Elcometer's range of Surface Standards, covers most of those required for surface cleanliness.

They include:

- The Swedish Standard - ISO 8501, SIS 055900
- The British Standard - BS 7079: Part A1
- The SSPC Standard - VIS 1-01
- The SSPC Standard - VIS-3

## Surface Cleanliness

Surface contamination from salts such as chlorides, sulphates and nitrates have been shown to lead to blistering of organic coatings, particularly in immersion conditions.

It is not sufficient to measure the cleanliness of the substrate. In a multi-layer coating process, it is necessary to monitor and record the cleanliness of each layer prior to applying the next coating. When using amine cured epoxy coatings, for example, in low ambient temperatures or in high humidity, a surface oiliness or exudate may cause inter-coating adhesion failure.

### At a glance

- *Pictorial surface standards used around the world as guidelines for almost all surface cleanliness standards.*

Can be used in accordance with:	
ASTM D 2200	BS 7079-A1
ISO 8501-1	SSPC-VIS 1-01

Model	Description	Part Number
Elcometer 128/1	Swedish Standard (ISO 8501, SIS 055900) - The original visual standard. It shows the degree of cleanliness of four different levels of rusted steel cleaned by blasting, hand and power tools and flame. Specified by ASTM 2200 Method A.	E128----1
Elcometer 128/2	British Standard BS 7079:Part A1 - Consists of ISO 8501 and a supplement for cleaning using six alternatives to silica quartz, which is prohibited in Britain.	E128----2
Elcometer 128/3	SSPC (Steel Structures Painting Council) VIS 1-01 - Similar to the Swedish and British standards, but the pictures of the required final appearances match the written descriptions in the USA standards. VIS 1-89 includes photographs of surfaces cleaned using metallic and non-metallic abrasives. Specified by ASTM 2200 Method B.	E128----3
Elcometer 128/4	British Standard BS 7079:Part A1 Supplement – Supplied with E128----2	E128----4
Elcometer 128/5	SSPC VIS-3 - Contains 44 photographs to supplement the written SSPC specifications for hand and power-tool cleaning.	E128----5

## Related products



*Elcometer Visual Comparisons Manual*

The visual comparison manual is handy, pocket-sized and illustrates in full colour application and coating defects. It contains good quality photographs, coated for protection. Each photograph is referenced making it easy to locate the defect type and its associated cause or causes. Printed in three languages: English, German and Spanish



*Elcometer Fitz's Atlas*

Incorporating all the key features and benefits of the Visual Comparison Manual, this manual takes the reader through a more comprehensive range of problems and discusses each in detail - providing a greater understanding of the defect, the probable cause and the possible solutions. You can quickly gain an insight into the coatings industry and the pitfalls to watch out for.



*Elcometer Macaws Pipeline Defects*

The aim of this publication is to illustrate the range of defects that may be encountered in high pressure steel pipelines and pipeline coatings. The manual gives advice on the probable cause and significance of the defects and comments on appropriate remedial actions.



*Elcometer Protective Coating Inspections Manual*

Formerly known as the Paint Inspectors Manual, the Elcometer Protective Coatings Inspection Manual is your essential guide to the complex world of protective coatings inspection, application, materials, defects, corrosion theory and much more. Easy-to-read, clearly designed, comprehensive and available in both English and Spanish, the manual is a high quality publication and is an ideal training and presentation aide.

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