

elcometer® 128 Pictorial Surface Standards

Can be used in accordance with:

BS EN ISO 8501-1:2007

BS EN ISO 8501-4:2006

ASTM D 2200

IMO MSC.215(82)

SIS 055900

SPCVIS 1 - 01

SSPC VIS-2

SSPC VIS-3

SSPC VIS-4

SSPC VIS-5

US Navy NSI 009-32

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.

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

They include:

- BS EN ISO 8501-1:2007 / SIS 055900
- BS EN ISO 8501-4:2006
- The SSPC Standard - VIS 1-01
- The SSPC Standard - VIS-2
- The SSPC Standard - VIS-3
- The SSPC Standard - VIS-4
- The SSPC Standard - VIS-5



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Part Numbers

Model		Description	Part Number
Elcometer 128/1		BS EN ISO 8501-1:2007 / 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 128/3		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 128/5		SSPC VIS-3: Contains 44 photographs to supplement the written SSPC specifications for hand and power-tool cleaning.	E128----5
Elcometer 128/6		SSPC VIS-2: Standard Method of Evaluating Degree of Rusting on Painted Steel Surfaces	E128----6
Elcometer 128/7		SSPC VIS 4: Guide and Reference Photographs for Steel Surfaces Prepared by Waterjetting	E128----7
Elcometer 128/8		SSPC VIS-5: Guide and Reference Photographs for Steel Surfaces Prepared by Wet Abrasive Blast Cleaning	E128----8
Elcometer 128/9	Image not available	BS EN ISO 8501-4:2006 Preparation of steel substrates before application of paints & related products. Visual assessment of surface cleanliness. Initial surface conditions, preparation grades and flash rust grades in connection with high-pressure water jetting	E128----9