

For further information on how to apply this chart contact SCM directly.

Severity

Classification SCFM	Substrate Condition & Failure Mode (SCFM) Definition
0	Sound Coating Protection
1	Sound, Though Aged, Coating Protection
2	Coating Loss, No Exposed Substrate
3	Substantial Coating Loss, No Exposed Substrate
4	Total Coating Loss, Substrate Exposed, Substrate Discoloured or Non-ferrous Substrate Discoloured
5	Substrate Corrosion Evident, No Scale
6	Light Scale, Minimal Metal loss (Uniform Metal Loss Not Easily Measurable, Early Corrosion)
7	Corroded, Lightly Pitted (Early Corrosion, With or Without Scale)
8	Heavy Scale, Metal Loss Evident (Uniform Metal Loss Measurable, Advanced Corrosion)
9	Corroded, Heavily Pitted (Advanced Corrosion, With or Without Scale)
99	Unknown, Unobserved (Not Surveyed)

Class 0 – 4 Relate to Coating Condition Only – May Apply to Ferrous and Non-ferrous substrates

Class 5 – 5 Relate to Substrate Exposure – Some Metal Loss - May Apply to Ferrous and Non-ferrous substrates

Class 6 – 9 Relate to Substrate Exposure with Metal Loss – Ferrous Substrates Only

All Rights Reserved – Copyright Strategic Corrosion Management 2010 ©

Strategic Corrosion Management, The Corrosion Centre, PO Box 38, Lowestoft, Suffolk NR32 3WB t: 44 (0) 1502 530 525 e: [info@stratcorrman.com](mailto:info@stratcorrman.com)

w: [www.stratcorrman.com](http://www.stratcorrman.com)