



Specification Selector

Hot Dipped Galvanized Steel*

Surface Preparation by Sweep Blasting

ISO12944 Certified

<u>ISO 12944 Certified Systems</u> High Durability (HD) 15-25 years and Very High Durability (VH) > 25 years								
Service Environment	Specification							
	No.	Durability	System	Dry Film Thickness	No.	Durability	Systems	Dry Film Thickness
C3 - Medium Corrosivity	G3H	HD	Macropoxy® 400 Acrolon™ 7300 Gloss or Semi-Gloss	70	G3VH	VH	Macropoxy® 400 Acrolon™ 7300 Gloss or Semi-Gloss	110
				50				50
C4 - High Corrosivity	G4H	HD	Macropoxy® 400 Acrolon® 7300 Gloss or Semi-Gloss	110	G4VH	VH	Macropoxy® 400 Acrolon® 7300 Gloss or Semi-Gloss	150
				50				50
C5 - Very High Corrosivity	G5H	HD	Macropoxy® 400 Acrolon® 7300 Gloss or Semi-Gloss	150	G5VH	VH	Macropoxy® 400 Acrolon® 7300 Gloss or Semi-Gloss	190
				50				50

Alternative Certified systems for Macropoxy® K267 and Macropoxy® 646 Available

**These systems are suitable for Hot Rolled Steel (HRS) that has been Hot Dipped Galvanized, where the Galvanized surface is then prepared by non-metallic grit preparation as per ISO 1461 Standard for Sweep blasting as indicated in ISO12944-5 (Annex B) as the acceptable standard*

Alternative preparation specifications are available based on a mordant wash system. Contact Sherwin-Williams® Technical Customer Support Team for details

All the certified systems have an Acrolon 7300 finish coat, which is available in a wide range of colours

The durability is, in this case, related to the paint system adhesion to the hot dip galvanized steel. In the case of damaged paint systems, the remaining hot dip galvanized layer delivers further protection to the steel. Durability should be considered as the coating design life, where regular minor maintenance should be scheduled to achieve the required life to first major maintenance

This Specification is specifically subject to the disclaimer which can be found at <http://protectiveemea.sherwin-williams.com/Home/Disclaimer>



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Galvanized Steelwork ISO12944 Certified Systems

Dry film thicknesses (d.f.t.) quoted are nominal as defined by BS EN ISO 12944-5.

Definitions of environment corrosive categories stated are according to ISO12944-2:

When determining the environmental category, the specifier must consider that certain structures and/or locations can produce a micro climate which is more corrosive than that of the surrounding environment. This can be the case with open sided buildings including car parks.

Acrolon® Finishes are available in a wide range of shades, for alternative finishes please contact Sherwin-Williams® Technical Customer Support

For fire protection systems, please contact Sherwin-Williams® Technical Customer Support Team.

Technical Customer Support team can be contacted by email or phone: Email: technicale@sherwin.com, Phone: 01204 556 457

The information detailed in this specification selector is liable to modification from time to time in the light of experience and of normal product development, and before using, customers are advised to check with Sherwin-Williams®, quoting the reference number, to ensure that they possess the latest issue.

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