

DURAGAL[®]

Easy Painting Guide

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INTRODUCTION

Cost Effective High Tensile Steel Products with a Fully Prepared Surface

DuraGal® steel hollow sections and profiles have been developed to provide cost effective corrosion resistance, as well as a smooth, easy to use surface finish.

WHITE RUST OR ZINC STORAGE STAIN

Avoiding White Rust or Zinc Storage Stain

DuraGal® products, are given a protective finish in the form of a zinc conversion coating and for heavy angles and channels an additional polymer coat. One purpose of these coatings is to prevent the formation of white rust during packaging, storage and transport.

Avoiding White Rust on DuraGal® Hollow Section Products

The packed product must be stored under clean, dry and ventilated conditions. This is especially important for smaller size hollow sections, as their physical size and pack configuration restricts natural ventilation.

Packs of product stored in open or wet conditions may develop white rust. OneSteel's quality assurance programme and transport arrangements are designed to help ensure that dry first grade product is delivered to Steel Distributors.

SURFACE CLEANING AND PREPARATION

DuraGal® Rectangular and Square Tubing:

Cleaning agent: Mild cleaning solution such as aqueous mild alkaline detergent cleaners or solvent washing.

(Note: solvent selection should be in accordance with recognized safe practice).

Suggested method: Wipe down with the recommended cleaning solution followed by a wipe down with a clean cloth

DuraGal® Profiles and Ultra Fence Tubing:

Cleaning agent: Methylated spirits.

Suggested Method: Wipe down with the recommended cleaning solution followed by a wipe down with a clean cloth.

PAINTING

DuraGal® Rectangular and Square Tubing:

Can be painted with water based, solvent based, two pack epoxy, two pack acrylic and MIO coatings for ISO 12944 C1 (Mild), C2 (Moderate) and C3 (Industrial/Sea Coast Marine).

DuraGal® Profiles:

Can be painted with water based, two pack epoxy, two pack acrylic and MIO coatings for ISO 12944 C1 (Mild), C2 (Moderate) and C3 (Industrial/Sea Coast Marine).

DuraGal® Ultra Fence Tubing:

Can be painted with solvent based, two pack epoxy, two pack acrylic coatings for ISO 12944 C1 (Mild), C2 (Moderate) and C3 (Industrial/Sea Coast Marine).

Advice on proprietary paint types, pretreatment and application methods for your application should be sought from a reputable paint supplier.

POWDER COATING

DuraGal® Rectangular and Square Tubing, DuraGal® Profiles and DuraGal® Ultra Fence Tubing:

All DuraGal® products can be effectively powder coated.

Advice on pre-treatment and powder coating types for your application should be sought from a reputable powder coating company.

Substrates:

DuraGal® Rectangular and Square Tubing, light DuraGal® Angles up to and including 2.0", and all DuraGal® Flats - Passivated zinc.

DuraGal® Angles greater than 2" and all DuraGal® Channels - Acrylic based polymer applied over passivated zinc.

DuraGal® Ultra Fence Tubing - UV cured polymer applied over passivated zinc.

Differences

www.duragal.com

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