

# TECHNICAL DATA SHEET

## Finish Options

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**GILBERTS**

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### Introduction

Gilberts provide a wide variety of finishing options in order to provide a full spectrum of colours and gloss levels as well as the required performance in terms of colour fade, hardness, weather protection and corrosion resistance.

The specification chart provides a description of all our popular finishes and indicates general suitability. For our most popular finishes, more detailed technical specifications follow.

### Grille, Diffuser & Louvre Finish Definitions

FINISH	DEFINITION	SUITABILITY
Polyester Powder finish	High-quality, durable finish, Used as a functional (protective) and decorative finish, powder coatings are available in a range of colours and textures	Suitable for all standard wall and ceiling applications. Not suitable for floor applications, or marine/coastal areas
Epoxy Polyester Powder finish	Similar to Polyester Powder finish but Epoxy has superior durability	Suitable for use in applications located in or near marine/coastal environments
Nylon Coat (in Limited RAL Colours)	Similar to Polyester Powder but Nylon has superior wear, abrasion, electrical and impact resistance to the standard Powder Coating Finish	Suitable for use in applications where an extra durable finish is required, such as floor mounted units
Brushed (Linished)	The surface is lightly finished to give an even "grained" finish. It is not sealed or protected	Suitable for all standard aluminium product applications in ceiling, wall or floor mounted applications
Shadowline Finish	'Internal surfaces painted matt black and face brushed finish (as above)	Suitable for all standard aluminium product applications in ceiling, wall or floor mounted applications
Mill finish	This is the finish directly out of manufacture. No final finish applied to the manufactured product. There could be manufacturing "witness" marks, due to the various processes which the material goes through during fabrication.	Care should be taken when selecting mill finish in light commercial applications (such as offices, shops etc) where this may not be suitable. The product will not have a finishing process applied and will have an industrial appearance. Natural aluminium will resist corrosion in a clean atmosphere however the natural process of oxidation will gradually dull the surface appearance. The oxidised layer is a tough durable film that makes the unit highly resistant to further corrosion. Grille cleaning will not prevent oxidation and this oxidised layer can rub, allowing the possibility of transfer to surrounding surfaces
Plain Stainless Steel	A plain industrial stainless steel finish. No final finish applied to the manufactured product. There could be manufacturing "witness" marks, due to the various processes which the material goes through during fabrication.	Suitable principally for industrial/heavy commercial applications. Care should be taken for light commercial applications (such as offices/shops etc) where a plain stainless steel finish and industrial built product may not be suitable. The product will not have a finishing process applied and will have an industrial appearance
Stove Enamel	Wet enamel paint application. Suitable for internal applications	Suitable for any wall/ceiling application where a decorative finish is required. Not suitable for floor mounted units. Application is limited to very small batch sizes.

Other finishes available upon request. Please ask for further details.

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