

Advantica® Controlled Environments

Pre-finished steel for controlled environment surfaces



Corus Advantica®

Advantica® from Corus is a range of pre-finished steel products specifically formulated for the manufactured goods sector. The result of over 30 years experience, the Advantica® product range can provide superior solutions to best meet your needs.

Advantica® Controlled Environment products

Corus has developed a range of pre-finished steel products to meet the stringent requirements of controlled environments in applications such as food processing and preparation, cold storage and packaging, pharmaceutical clean rooms and medical environments.

We provide surfaces that help to maintain clean and safe environments, surfaces that are taint-free, cleanable and, where necessary, are safe for direct food contact.

Product description

Product	Description
Advantica® GM	- Medium gloss product available with a smooth surface.
Advantica® L Control	- Low gloss product specifically designed for controlled environments.
Advantica® SDP 35	- Smooth or textured medium build product with superior robustness.
Advantica® PVDF	- Smooth product offering good colour flatness.
Advantica® PR	- A product that gives customers the flexibility of applying a topcoat.

Advantica® Controlled Environments

Advantica® Controlled Environments product selector

Physical properties	Advantica® product type and suitability				
	GM (a)	L Control (b)	SDP 35	PVDF	PR (c)
Surface appearance	Smooth	Smooth	Textured or smooth	Smooth	Smooth
Gloss	Medium	Low	Medium	Medium	Low
Robustness	*	***	**	*	*
Corrosion resistance (humidity)	*	***	**	**	*
Corrosion resistance (chemicals)	*	***	**	***	n/a
Flexibility	*	***	**	**	*
Dirt resistance	**	***	*/**	**	n/a
Foodsafe (d)	Yes	Yes	Yes	Yes	n/a

Applications

White rooms	FMR	SUP	CC	CC	CC
Clean rooms	FMR	SUP	CC	CC	CC
Food rooms and warehouses above 0°C	FMR	SUP	CC	CC	CC
Cold rooms used in the food industry	FMR	SUP	CC	CC	CC
Partitions for food stores and supermarkets	FMR	SUP	CC	CC	CC
Rooms with controlled atmospheres	FMR	SUP	CC	CC	CC
Small cold rooms	FMR	SUP	CC	CC	CC
Cold room doors	FMR	SUP	CC	CC	CC
Refrigerated lorries	FMR	SUP	CC	CC	CC
Healthcare sector	CC	SUP	CC	CC	CC

Notes

NS - Not suitable.

FMR - Fulfills minimum requirements.

SUP - Superior product.

CC - Consult Corus.

(a) - Available with anti-static properties.

(b) - Available with antimicrobial protection or anti-static properties.

(c) - Available with high adhesion backing coat as an option.

(d) - Not all colours, please consult Corus.

Product testing

All the products in the Advantica® controlled environments range are subject to rigorous test procedures to ensure that they are the right product for your end application.

Corus contact details



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