

## Advantica® Controlled Environments

Pre-finished steel for controlled environments surfaces

### Advantica® working with you

Advantica® from Tata Steel 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.

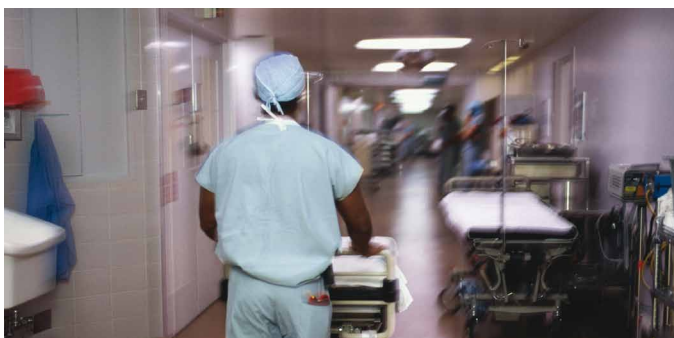
### Advantica® products for Controlled Environments

Tata Steel 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 packing, pharmaceutical clean rooms and medical environment.

Tata Steel provides 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.
<b>Advantica® L Control</b>	<b>A laminate specifically designed for controlled environments.</b>
Advantica® SDP 35 (T)	Smooth or textured medium gloss product with good scratch resistance.
Advantica® PDVF	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® GM (a)	Advantica® L Control (b)	Advantica® SDP 35 (T)	Advantica® PVDF	Advantica® PR (c)
Surface appearance	Smooth	Smooth	Smooth or textured	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
<b>Applications</b>					
White rooms	FMR	SUP	C	C	C
Clean rooms	FMR	SUP	C	C	C
Food rooms and warehouses above 0°C	FMR	SUP	C	C	C
Cold rooms used in food industry	FMR	SUP	C	C	C
Partitions for food stores and supermarkets	FMR	SUP	C	C	C
Rooms with controlled atmospheres	FMR	SUP	C	C	C
Small cold rooms	FMR	SUP	C	C	C
Cold room doors	FMR	SUP	C	C	C
Refrigerated lorries	FMR	SUP	C	C	C
Healthcare sector	C	SUP	C	C	C

### Notes

NS – Not suitable

FMR – Fulfills minimum requirements

SUP – Superior product

C – Consult us

(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 us

\* - good

\*\* - very good

\*\*\* - excellent

### 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.

### MyriaPlus® Services

For any customized requirements, Tata Steel can meet your needs with shorter lead times, flexible quantities and further processing. For further information please visit [www.tatasteeladvantica.com](http://www.tatasteeladvantica.com)

### Contact

[www.tatasteeladvantica.com](http://www.tatasteeladvantica.com)

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