TATA STEEL

Advantica® Doors and Windows

Pre-finished steel for door and window applications

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 doors and windows

Tata Steel has developed a wide range of pre-finished steel products that can be used for door and window applications. These can meet varying needs such as those of domestic doors, where visual appeal is of great importance, and heavy use industrial doors where high resistance and corrosion protection are important.

Doorframes have special requirements in terms of surfaces appearance and Tata Steel is able to meet the required structure of these within very narrow tolerances.

Product description

Product	Description
Advantica® GM	Medium gloss product available with a smooth surface.
Advantica® K	Textured product with excellent scratch resistance.
Advantica® T	Textured, low or medium gloss product with good scratch resistance.
Advantica® L Decor	Laminate decorative product available in a range of printed surface effects and textures.
Advantica® SDP 35 (T)	Textured or smooth, medium gloss product with good scratch resistance.
Advantica® LG	Embossed product with enhanced robustness and durability.
Advantica® F Flex	High flexible product available in a range of textures and gloss levels.
Advantica® F Weld	Smooth product with welding properties.
Advantica® PR	A product that gives customers the flexibility of applying a topcoat.

Advantica® Doors and Windows

Advantica® Doors and Windows product selector

Physical properties	Advantica® GM	Advantica® K	Advantica® T	Advantica® L Decor	Advantica® SDP 35 (T)	Advantica® LG	Advantica® F Flex	Advantica® F Weld	Advantica® PR (b)
Surface appearance	Smooth	Krinkle	Textured	Textured	Textured or smooth	Embossed or smooth	Smooth	Smooth	Smooth
Gloss	Medium	Medium	Low - Medium	Low	Medium	Medium	Medium	Low	Low
Robustness	*	***	**	***	***	***	*	n/a	n/a
Corrosion resistance	*	*	*	(a)	**	***	*	n/a	n/a
Flexibility	*	**	**	(a)	***	***	***	*	*
UV stability	**	**	**	(a)	***	**	**	n/a	n/a

Applications

Applications									
Frames indoor	FMR	SUP	SUP	SUP	SUP	SUP	SUP	C	C
Frames outdoor	FMR	NS	FMR	C	SUP	SUP	FMR	C	C
Garage doors	FMR	NS	FMR	C	SUP	SUP	FMR	C	C
Industrial doors	C	NS	FMR	C	SUP	SUP	C	C	C
Residential doors	FMR	NS	FMR	C	SUP	SUP	FMR	C	C
Shutters indoor	FMR	SUP	SUP	SUP	SUP	SUP	SUP	C	C
Shutters indoor	FMR	NS	FMR	C	SUP	SUP	FMR	C	C

Notes

NS – Not suitable
FMR – Fulfills minimum requirements
SUP – Superior product
C – Consult us
(a) – Depending on the exact specification of the selected film
(b) – In combination with a post painted topcoat
* - good
** - very good
*** - excellent

Product testing

All the products in the Advantica® doors and windows 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

Contact

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