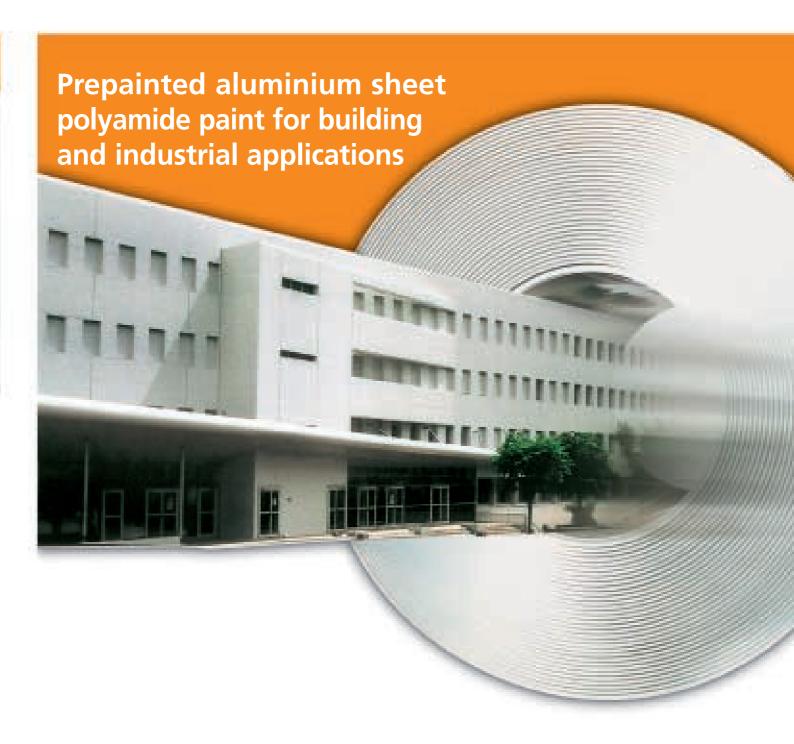
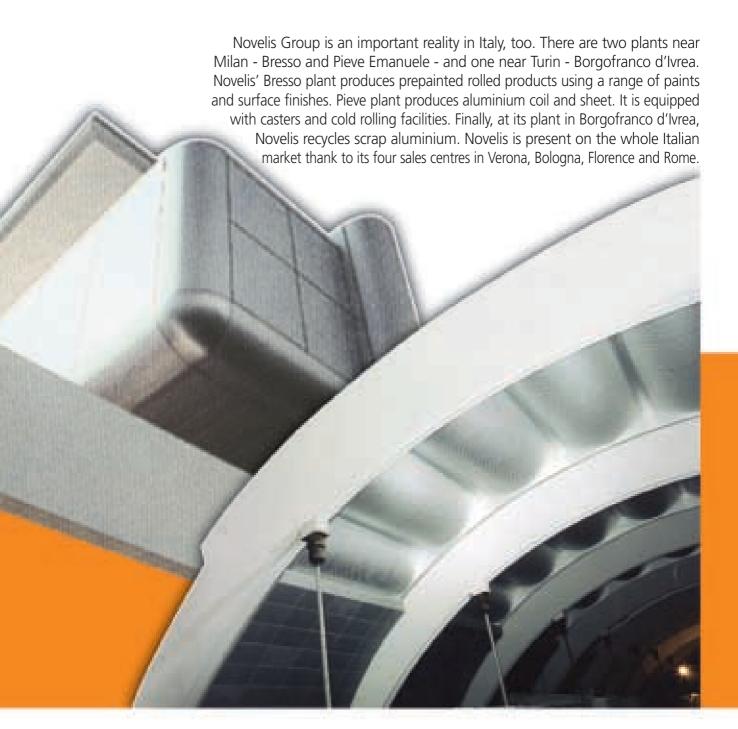


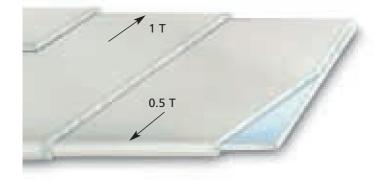
## WINDY®

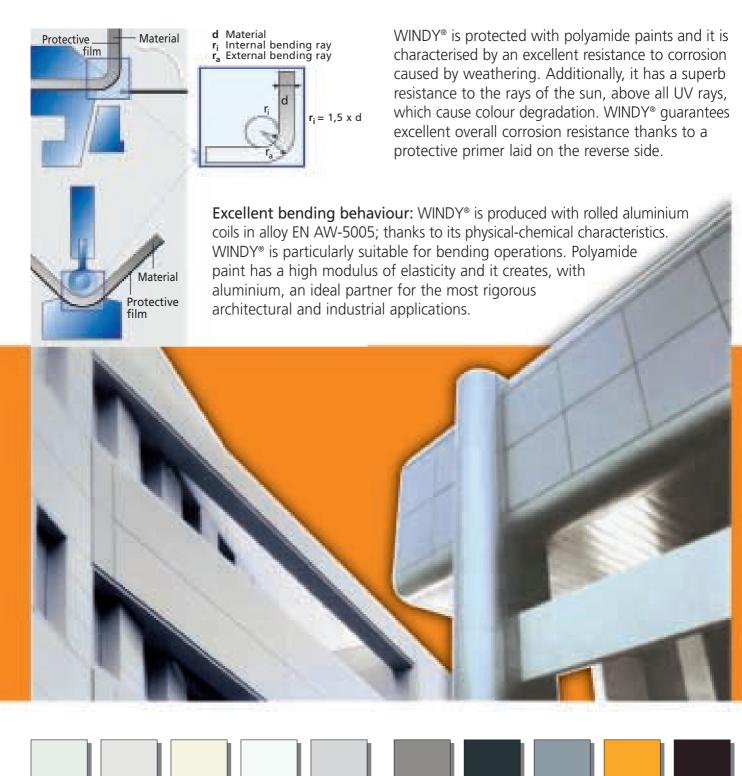


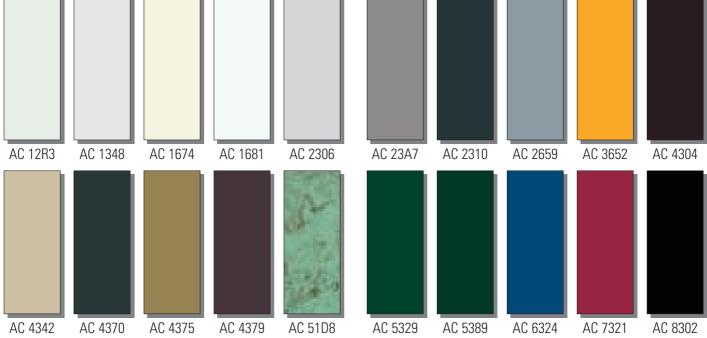




WINDY® is the Novelis brand name for its aluminium coils which have been pre-painted with polyamide paints. WINDY® is used in the building industry, especially in facade cladding, but also in windows frames. The excellent formability, the good bending behaviour of the product and the good resistance to UV rays make WINDY® particularly versatile and adaptable to different architectural solutions and industrial applications.







Technical Sheet - WINDY®								
Product description Aluminium alloy: Metal gauge: Temper: Coating top side:	- [mm] -	EN AW-5005 1.00 - 2.00 H42 Polyamide paint	according to EN 573/3  according to EN 1396 accor. to int. standards					
Backing coat:	-	Protective lacquer	accor. to int. standards					
Metal specification  Mechanical properties after coating - transverse to rolling direction (according to EN 1396)								
Rm:	[MPa]	125 - 165						
Rp0.2: A50:	[MPa] [%]	80 min 5 min from 1.00 mm up to 1.50 mm	- 6 min over 1.50 mm up to 2.00 mm					

Gauge

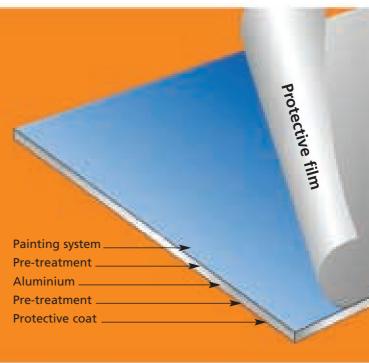
Width and Length

**CERTIFICATES Health and Safety Management System: Environment Management System Certificate:** 

Tolerance on dimensions:

**Quality Management System Certificate:** 





according to EN 485/4

according to EN 485/4

## **Technical Sheet - WINDY®**

## **Pre-treatment**

Degreasing and chromium free treatment on top and reverse side

<b>Organic coating specification</b> (according to ECCA and EN 1396)			Top side	Backing coat
Coating system:			Polyamide	Polyester
Typical coating thckness:	ECCA T1	[µm]	22	4 approx.
Pencil hardness:	ECCA T4	KOH-I-NOR	Н	not relevant
Specular gloss to 60°:	ECCA T2	[units]	10 - 60 gloss	30 - full gloss
Adhesion 90°/180°:		[%]	100	not relevant
Adhesion on cross hatch + impact:		[%]	100	100
M.E.K. / Solvent rubbing test:	ECCA T11	double rubs	150	> 50
Resistance to rapid deformation:	ECCA T5	[cm/kg]	32	not relevant
Resistance to craking on bending:	ECCA T7	-	0.5 T from 1.00 mm up to 1.20 mm	
			1.0 T over 1.20 mm up to 1.50 mm	
			1.5 T over 1.50 mm up to 2.00 mm	





## **Novelis Italia**

Via V. Veneto, 106 20091 Bresso (MI)

Tel.: ++39 02 61454.1 Fax: ++39 02 61454.208 e-mail: info.bresso@novelis.com web: www.novelispainted.com