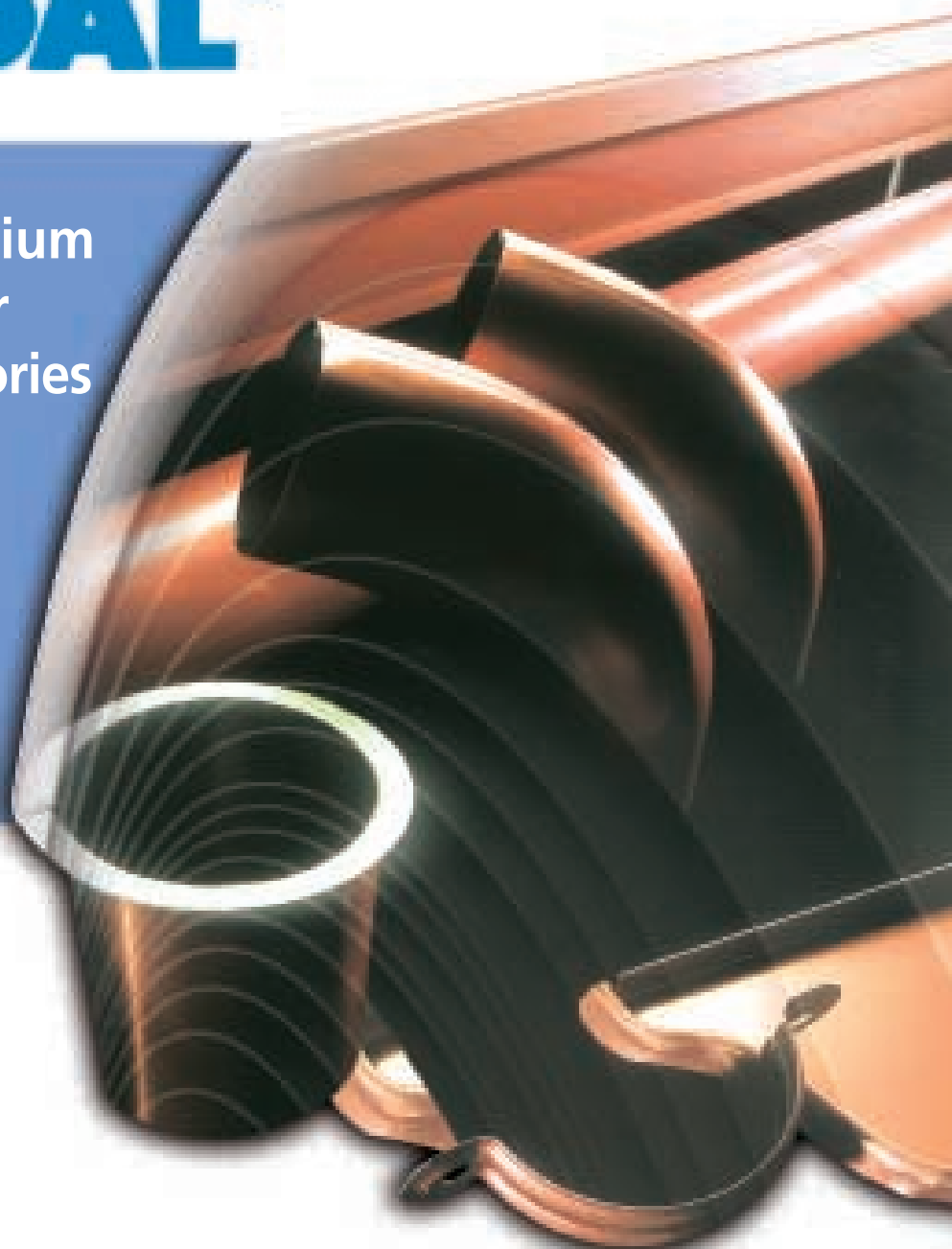


GRONDAL®

Prepainted aluminium
rolled products for
gutters and accessories





Novelis Inc. is world leader in aluminium rolling and cans recycling. Novelis owns 37 operating facilities in 12 countries, with more than 13.000 employees.

Thank to its presence in Asia, Europe, North and South America, Novelis is able to deliver value-added aluminium rolled products and services to customers worldwide.

Novelis supplies aluminium rolled products to different markets, including Building, Transport, Beverage and Food Cans, Industry, Lithography and Printing.



Novelis Group is an important reality in Italy, too. There are two plants near Milan - Bresso and Pieve Emanuele - and one near Turin - Borgofranco d'Ivrea. Novelis' Bresso plant produces pre-painted rolled products using a range of paints and surface finishes. Pieve plant produces aluminium coil and sheet. It is equipped with casters and cold rolling facilities. Finally, at its plant in Borgofranco d'Ivrea, Novelis recycles scrap aluminium. Novelis is present on the whole Italian market thanks to its four sales centres in Verona, Bologna, Florence and Rome.

GRONDAL® is the Novelis brand name for pre-painted aluminium coils specifically designed for gutters and accessories. Excellent workability, lightness and ease of installation are the main strengths of GRONDAL®. GRONDAL® is the ideal product to enhance all residential buildings.

ACCESSORIES

The accessories needed for the correct installation of GRONDAL® gutters are produced from pre-painted aluminium coils. These are available on the market in the complete range of Novelis colours.

Durability: pre-painted aluminium gutters and accessories have an excellent corrosion resistance and need only minimal maintenance.

Strength: aluminium alloy and accessories have been specially designed to give to the product a long life cycle and an excellent resistance to corrosion and atmospheric agents.

GRONDAL® gutters perfectly compliment modern architectural styles and the range of colours highlights the elegance of all renovated buildings. GRONDAL® means enhancing the beauty of buildings through the use of paint systems which maintain a constant shade and the “original look” over the years.



STANDARD COLOURS

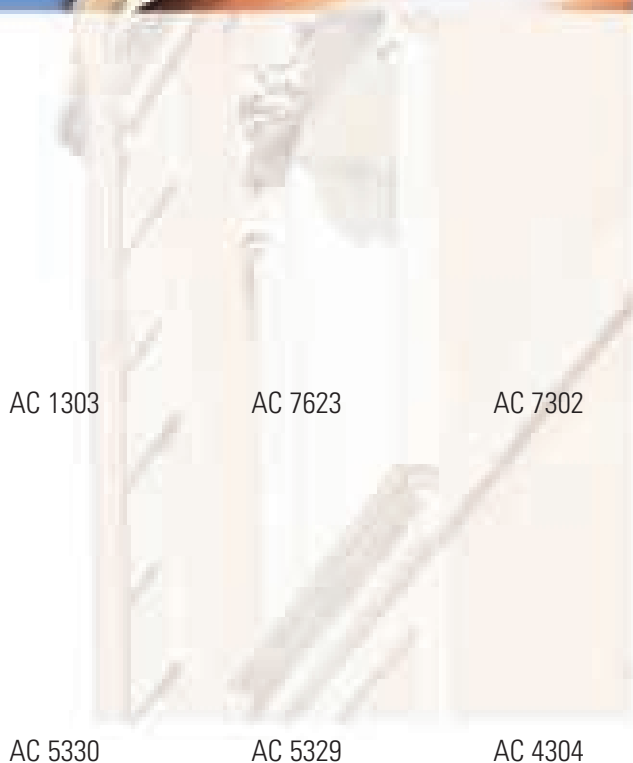
This colour chart includes proposals of pre-painted aluminium colours available in matt, demi and high gloss versions.

It is possible to realise pre-painted aluminium coils on sample bases. The colours are as close as printing technique allows.

We suggest to ask for an original painted aluminium sample.

RANGE OF COLOURS

Thanks to the wide range of colours, Novelis can satisfy all customer requirements. Further, coils can be painted on both sides, in the standard colours, which allows customers to optimise their stock levels.



AC 1303

AC 7623

AC 7302

AC 5330

AC 5329

AC 4304

Easy to assemble: with the use of suitable sealing techniques no welding is needed. A long life cycle and a perfect seal of junctions are assured.

Workability: GRONDAL® can be easily formed using the same machinery/tooling and techniques used for other metals.

Fast installation: installation is particularly fast and easy since the forming of the gutter profiles can take place directly on the building site.



Ecology: prepainted aluminium is 100% environmentally friendly and doesn't create any marking on building facades.

Recyclability: aluminium is completely recyclable and maintains its metallurgical and mechanical properties over time.

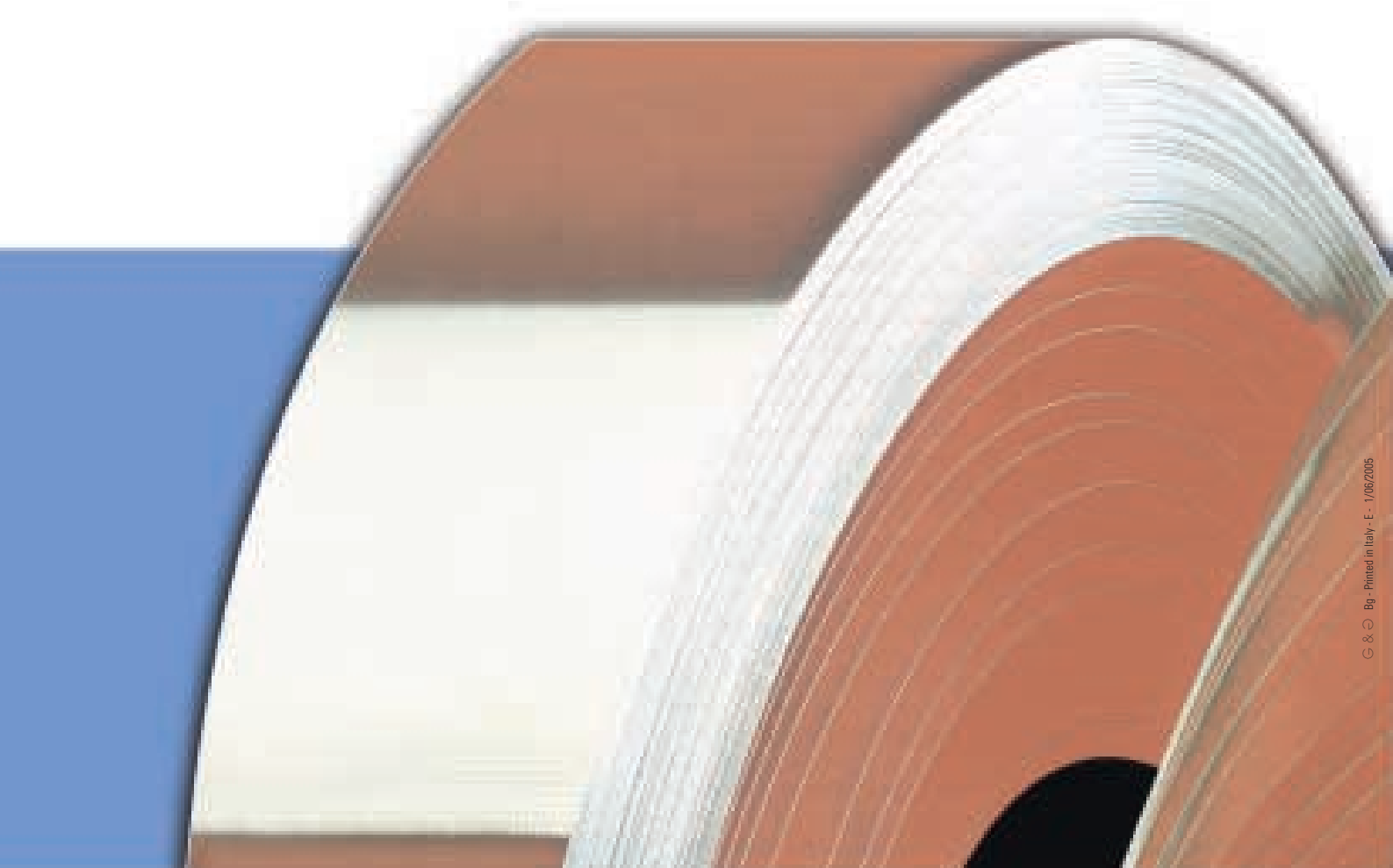
CERTIFICATES

Quality Management System Certificate: UNI EN ISO 9001; 2000
Environment Management System Certificate: UNI EN ISO 14001; 1996
Health and Safety Management System: BSI OHSAS 18001; 1999

Test certificate

Upon request Novelis will issue a Test Certificate which states the chemical and physical analysis values of the metal support and of the paint system, in conformity with internal quality specifications.





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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