Game changer

Innovation and sustainability are Arpa Industriale's drivers in the creation of valuable and durable materials for interior design. The road to the development of Bloom technology began in 2012, when the Research and Development department started to focus its research on lignin in an effort to increase the use of sustainable raw materials. In partnership with universities and research institutes, we developed a proprietary lignin-based resin.

Natural glue

Lignin is a natural polymer that gives wood its rigidity and strength to resist external forces. After cellulose, it is the second most abundant natural polymer in the world. It is a renewable raw material. It is also a by-product of the pulp making process, which makes it already available in large quantities. Normally used by the pulp industry to produce energy, its use in thermosetting resins is innovative.

Lignin, a natural polymer

Higher value

Arpa always takes actions that provide a "win" for the environment and for clients too. The Bloom technology allows to maintain the quality and well-known features of FENIX NTM® and Arpa®, while supporting our clients in realising their sustainability challenges. It means that Bloom provides a higher value to our clients' projects and products with no implications in term of quality and performance.

FENIX NTM® Bloom, 0773 Verde Brac

Arpa Industriale S.p.A.
Via Piumati, 91
12042 Bra (CN) - Italy
Tel. +39 0172 436111
arpa@arpaindustriale.com
info@fenixforinteriors.com

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SERMA
WOOD PRODUCTS & FURNITURE FITTINGS
Vlorë: Autostrada Vlorë Fier, km 13, Albania – Tiranë: Autostrada Tiranë – Durrës km6, Albania
Tel: +355 395 30973-2 / Fax: +355 395 30974
e-mail: info@serma.al / web: www.serma.al - facebook: serma / instagram: sermashpk

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BLOOM

Arpa | FENIX®

Beyond the surface
Core innovation for interior design

Blooming into the core

Sustainability is not something you dream about, but something you do. It's about acting. True to this vision, Arpa Industriale has developed Bloom, a core technology for FENIX NTM® and Arpa® High Quality Surfaces.

Arpa products are made of paper and thermosetting resins based on phenol. With Bloom, lignin technology has been introduced to significantly reduce the amount of phenol included in the resin by 50%. Lignin is a natural polymer defined as the glue that holds wood fibres together.

With this innovation most of the key ingredients for Arpa products originate from the same place: responsibly managed forests.

Bloom technology awards & recognitions:
Materialpreis, 2020
ADI Design Index, 2020
Interzum Award, "Best of the Best", 2021
Iconic Awards, "Best of Best" Innovative Material, 2021
Innovation Award Architecture+ Presentation, 2023

Arpa Bloom, 0780 Blu Berta. Finishes: Ems, Lucids, Kér

Arpa® Bloom

Arpa® are high pressure laminates designed by Arpa Industriale and have all the style of a made-in-Italy product. It is a material that is both easy to work with and extremely strong: resistant to scratches, impact, abrasion and heat. These features make it ideal for a wide range of horizontal and vertical applications for interior design.

A selection of 44 plain colours from the Colorsintesi family in three different finishes (Erre, Lucida and Kèr) are now available in 0.7 mm thickness with Bloom black core.

Erre finish distinguishes itself for its touch appeal: silky-smooth compact surfaces which soften colours and highlight the harmony of composition. Lucida is a mirror finish surface. A showpiece of the Arpa production, this finish gives a unique sheen to surfaces. Kèr is a matt texture that adds sensuous tactility to its resistance.

Arpa Bloom, 0275 Rosa Bourbon. Finishes: Erre, Lucida, Kèr

A selection of 44 Plain Colours

Thickness (mm)
0.7

Type/Core
Bloom Black Core

Size (mm)
3050x1300, 4200x1300

Finishes
Erre, Lucida, Kèr

New	New	New	New	New	New	New	New
0782 Rosso Carminio	0783 Verde Felce	0784 Blu Avio	0785 Giallo Canary	0795 Viola Ossiro	0796 Blu Abash	0797 Grigio Aganora	0798 Verde Matiki
0776 Verde Celadon	0777 Verde Marino	0781 Verde Pino	0780 Blu Berta	0001 Bianco	0028 Bianco Nube	0779 Rosa Shade	0775 Rosso Falun
0275 Rosa Bourbon	0778 Maggese	0010 Bianco Azzurro	0249 Bianco Decò	0739 Grigio Tela	0244 Porcellana	0266 Avorio Cisa	0622 Grigio Viola
0527 Grigio Argento	0211 Grigio Perla	0210 Grigio Medio	0201 Sabbia	0737 Beige Atlantide	0247 Grigio Siliceo	0616 Grigio Alpaca	0735 Castoro Fiber
0736 Grigio British	0761 Grigio Rimant	0738 Grigio Traffico	0623 Grigio Ferro	0760 Verde Modo	0700 Grigio Vernice	0526 Grigio Antracite	0507 Blu Notte
0759 Rosso Purjai	0553 Cioccolato	0758 Cacao Nocorin	0509 Nero				

FENIX NTM® Bloom

Thickness (mm)
0.7

Type/Core
Bloom Black Core

Size (mm)
3050x1300, 4200x1300, 4200x1600

The delivery program can vary from country to country.
Please contact your sales representative for more information.

New	New	New	New	New	New
0789 Rosso Namib	0790 Viola Orissa	0791 Giallo Evora	0792 Blu Shaba	0793 Grigio Aragona	0794 Verde Kitami
0770 Rosso Askja	0751 Rosso Jaipur	0771 Azzurro Naxos	0754 Blu Fes	0773 Verde Brac	0750 Verde Comodoro
0029 Bianco Malè	0030 Bianco Alaska	0032 Bianco Kos	0719 Beige Luxor	0748 Beige Arizona	0717 Castoro Ottawa
0725 Grigio Efeso	0718 Grigio Londra	0752 Grigio Antrim	0724 Grigio Bromo	0749 Cacao Orinoco	0720 Nero Ingo

FENIX NTM® is an innovative material created for interior design applications by Arpa Industriale. Launched in 2013, it is suitable for both vertical and horizontal use. The external surface involves the use of multilayer coating and it is characterised by next generation acrylic resins, hardened and fixed with Electron Beam curing process. Its surface is extremely matt, with low light reflectivity, features a very pleasant soft touch and is anti-fingerprint. Thermal healing of superficial micro-scratches is also possible.

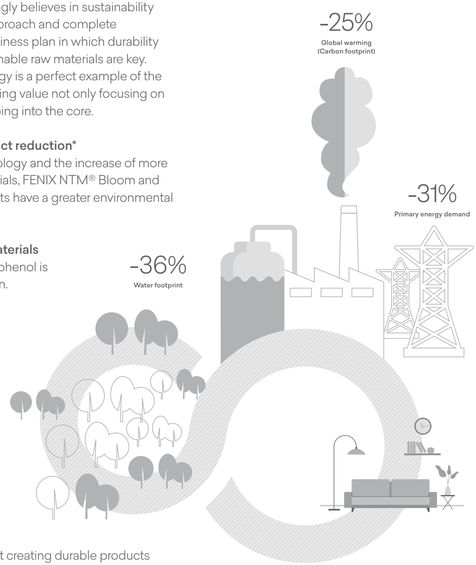
FENIX NTM® Bloom, more innovative, more natural raw materials. The extremely matt smart material is enriched with Bloom, a core technology, for which new colours have been specifically developed.

Materialising Sustainability

Arpa Industriale strongly believes in sustainability with a fact-based approach and complete integration in the business plan in which durability and the use of sustainable raw materials are key. The Bloom technology is a perfect example of the Arpa approach, creating value not only focusing on the surface but by going into the core.

Environmental impact reduction*
Thanks to this technology and the increase of more renewable raw materials, FENIX NTM® Bloom and Arpa® Bloom products have a greater environmental performance.

More natural raw materials
50% of fossil-based phenol is substituted with lignin.



Long live the design
Sustainability is about creating durable products and materials that stand the test of time. With its innovative technology, Bloom adds value to the design objects made out of it. And this is a key factor for environmental responsibility.

* **Source:** LCA study performed by Arpa Industriale comparing standard FENIX NTM® and Arpa® with new FENIX NTM® Bloom and Arpa® Bloom.