

Arpa  | FENIX

# BLOOM

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 new core technology for FENIX NTM® and Arpa HPL.

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.



Arpa HPL Bloom, 0001 Bianco. Finishes: Erre, Lucida, Kér

## 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.



FENIX NTM Bloom, 0773 Verde Brac

## 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 HPL, while supporting our clients in realizing 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.

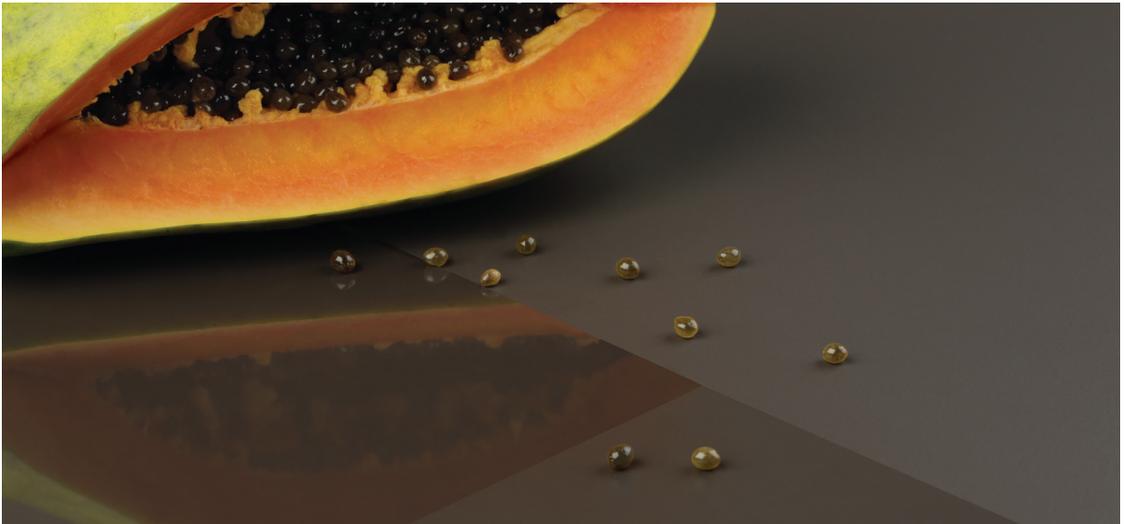


Arpa HPL Bloom, 0759 Rosso Purjai.  
Finishes: Erre, Lucida, Kér



FENIX NTM Bloom, 0772 Giallo Kashmir

## ARPA HPL BLOOM



Arpa HPL Bloom, 0758 Cacao Nocorin. Finishes: Erre, Lucida, Kér

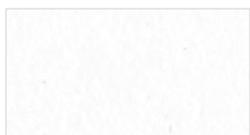
Arpa HPL are high pressure laminates designed by Arpa Industriale and have all the style of a Made in Italy product. It is a material that is both easy to work with and extremely strong: resistant to scratches, impact, abrasion and heat. These features make it ideal for a wide range horizontal and vertical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

A selection of 28 plain colours from the Colorsintesi family in three different finishes (*Erre*, *Lucida* and *Kér*) are now available in 0.7 mm thickness with Bloom black core.

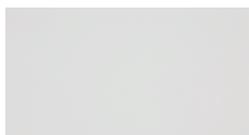
*Erre* finish distinguishes itself for its touch appeal: silky-smooth compact surfaces which soften colours and highlight the harmony of composition. *Lucida* is a mirror finish surface. A showpiece of the Arpa production, this finish gives a unique sheen to surfaces. *Kér* is a matt texture that adds sensuous tactility to its resistance. Launched in 2018, *Kér* won the “High Product Quality” Interzum Award 2019.

| Thickness  | Type/Core   | Finishes  | Size  |
|--|---|---|---|
|  mm |  |  |  mm |
| 0.7  | Bloom black core  | Erre<br>Lucida<br>Kér   | 3050x1300<br>4200x1300  |

## A SELECTION OF 28 HPL PLAIN COLOURS



0001 Bianco



0010 Bianco Azzurro



0028 Bianco Nube



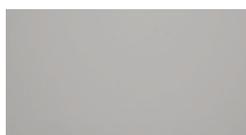
0211 Grigio Perla



0249 Bianco Decò



0266 Avorio Cisa



0527 Grigio Argento



0622 Grigio Viola



0244 Porcellana



0201 Sabbia



0247 Grigio Siliceo



0616 Grigio Alpaca



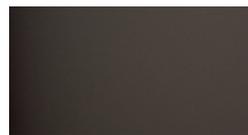
0737 Beige Atlantide



0735 Castoro Fiber



0553 Cioccolato



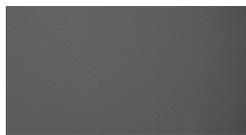
0758 Cacao Nocorin



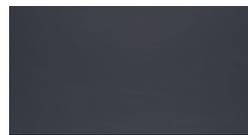
0761 Grigio Rimant



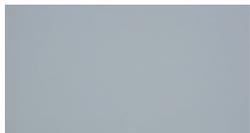
0623 Grigio Ferro



0736 Grigio British



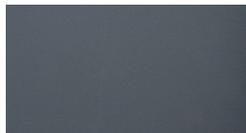
0526 Grigio Antracite



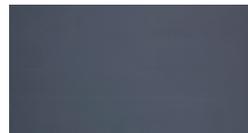
0210 Grigio Medio



0739 Grigio Tela



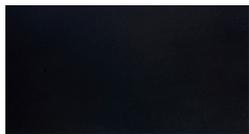
0738 Grigio Traffico



0700 Grigio Vernice



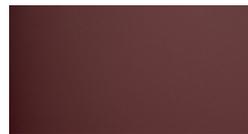
0507 Blu Notte



0509 Nero



0760 Verde Modo



0759 Rosso Purjai

## FENIX NTM BLOOM



FENIX NTM Bloom, 0771 Azzurro Naxos

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 characterized 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 new core technology, for which four new colours have been specifically developed.



0770 Rosso Askja



0771 Azzurro Naxos



0772 Giallo Kashmir



0773 Verde Brac

Thickness



0.7

Type/Core



Bloom black core

Size



3050x1300  
4200x1300

# MATERIALIZING SUSTAINABILITY

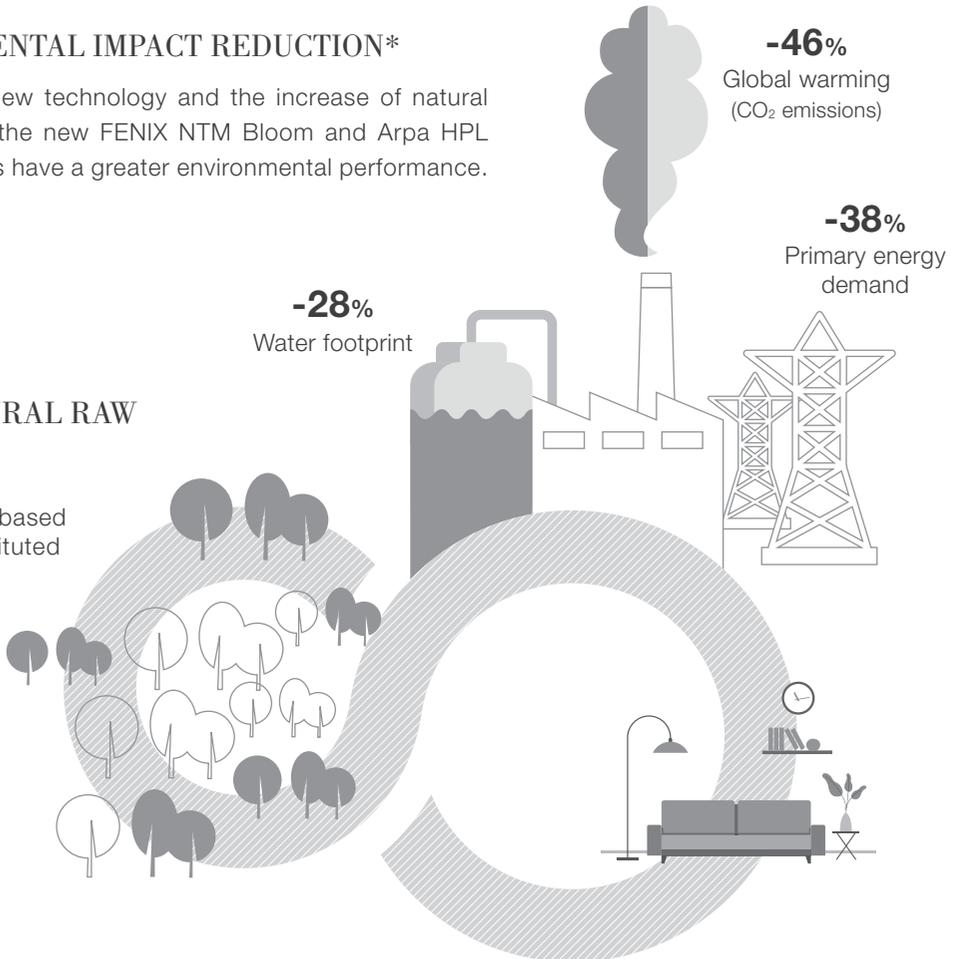
Arpa Industriale strongly believes in sustainability with a fact-based approach and complete integration in the business plan in which durability and the use of sustainable raw materials are key. The Bloom technology is a perfect example of the Arpa approach, creating value not only focusing on the surface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

## ENVIRONMENTAL IMPACT REDUCTION\*

Thanks to its new technology and the increase of natural raw materials, the new FENIX NTM Bloom and Arpa HPL 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 HPL with new FENIX NTM Bloom and Arpa HPL Bloom.

Arpa 

FENIX

made in Italy by Arpa Industriale

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

A600759 - 05.2019

arpaindustriale.com  
fenixforinteriors.com

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