

Arpa 

FENIX®

# BLOOM

BEYOND THE SURFACE

Core innovation for interior design



# 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 and paper industry to generate energy, its use in thermosetting resins is innovative.



## 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 High Pressure Laminates (HPL), 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 terms of quality and performance.



## 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.



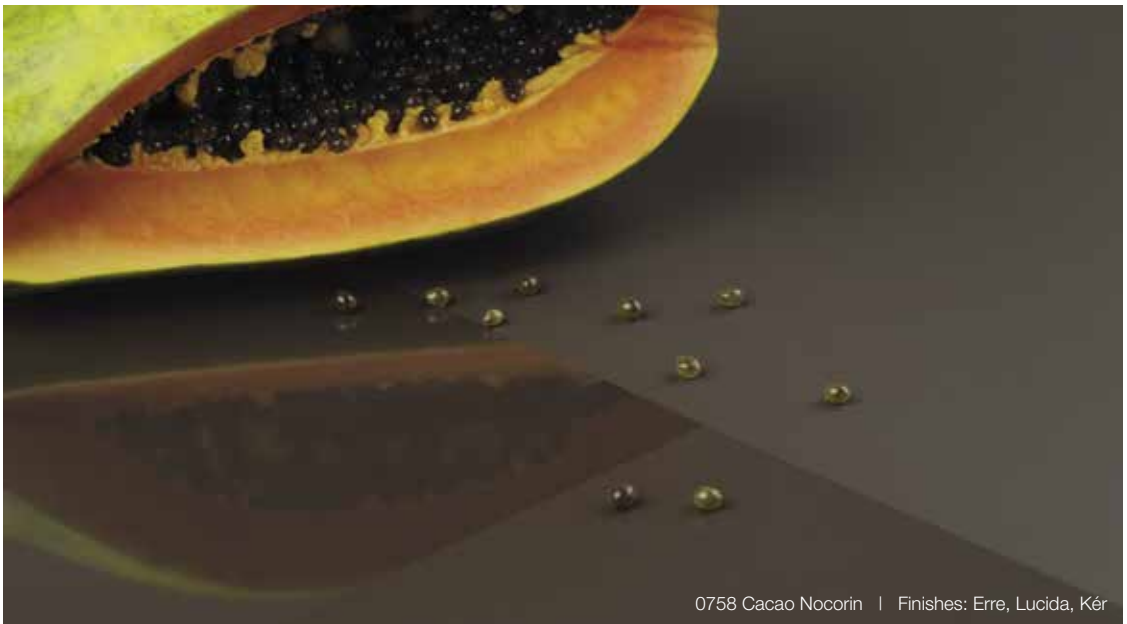
# ARPA HPL BLOOM





---

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 of 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.

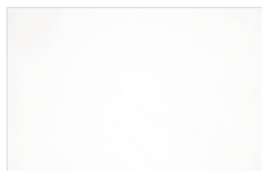
*Erre* finish distinguishes itself for its touch appeal: silky-smooth compact surfaces which soften colours and highlight the harmony of composition. *Lucida* is a mirror finish surface. A showpiece of the Arpa production, this finish gives a unique sheen to surfaces. *Kér* is a matt texture that adds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



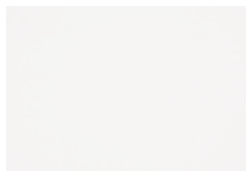
Thickness	Type / Core	Finishes	Size
 mm			 mm
0.7	Bloom black core	Erre Lucida Kér	3050x1300 4200x1300

# ARPA SELECTION OF 28 HPL PLAIN COLOURS

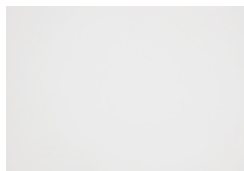
---



0001 Bianco



0010 Bianco Azzurro



0028 Bianco Nube



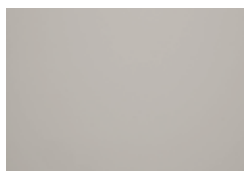
0211 Grigio Perla



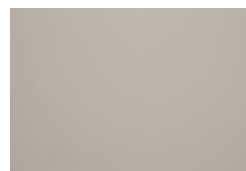
0249 Bianco Decò



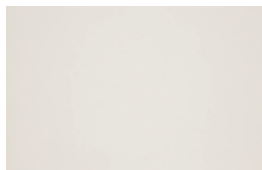
0266 Avorio Cisa



0527 Grigio Argento



0622 Grigio Viola



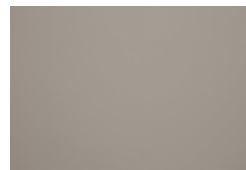
0244 Porcellana



0201 Sabbia



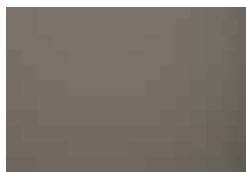
0247 Grigio Siliceo



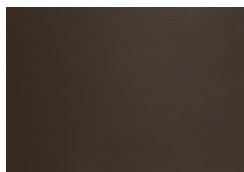
0616 Grigio Alpaca



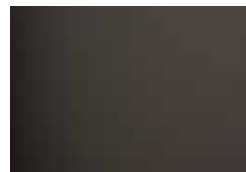
0737 Beige Atlantide



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



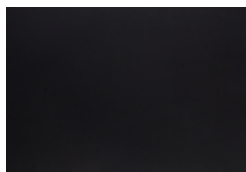
0738 Grigio Traffico



0700 Grigio Vernice



0507 Blu Notte



0509 Nero



0760 Verde Modo



0759 Rosso Purjai

# FENIX NTM BLOOM

---

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



0770 Rosso Askja



0773 Verde Brac



0772 Giallo Kashmir



0771 Azzurro Naxos

## Thickness



mm

## Type / Core



## Size



mm

---

0.7

Bloom black core

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.

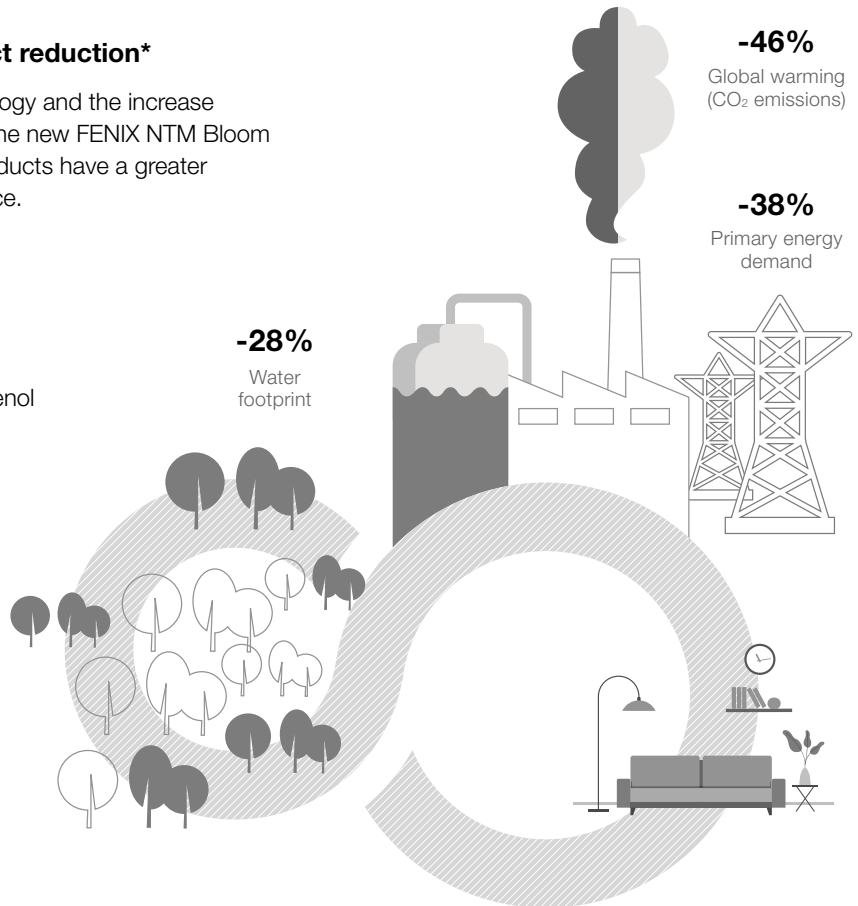
The Bloom technology is a perfect example of the Arpa approach, creating value not only focusing on the surface but by going into the core.

## 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®

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

A600795 - 05.2020 / EN

arpaindustriale.com  
fenixforinteriors.com

Follow us

