BEYOND THE SURFACE
Core innovation for interior design
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.
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.

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, 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 tickness 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.

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<th>Thickness</th>
<th>Type/Core</th>
<th>Finishes</th>
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<tbody>
<tr>
<td>0.7 mm</td>
<td>Bloom black core</td>
<td>Erre</td>
<td>3050x1300</td>
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<td></td>
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<td>Lucida</td>
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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 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

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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.