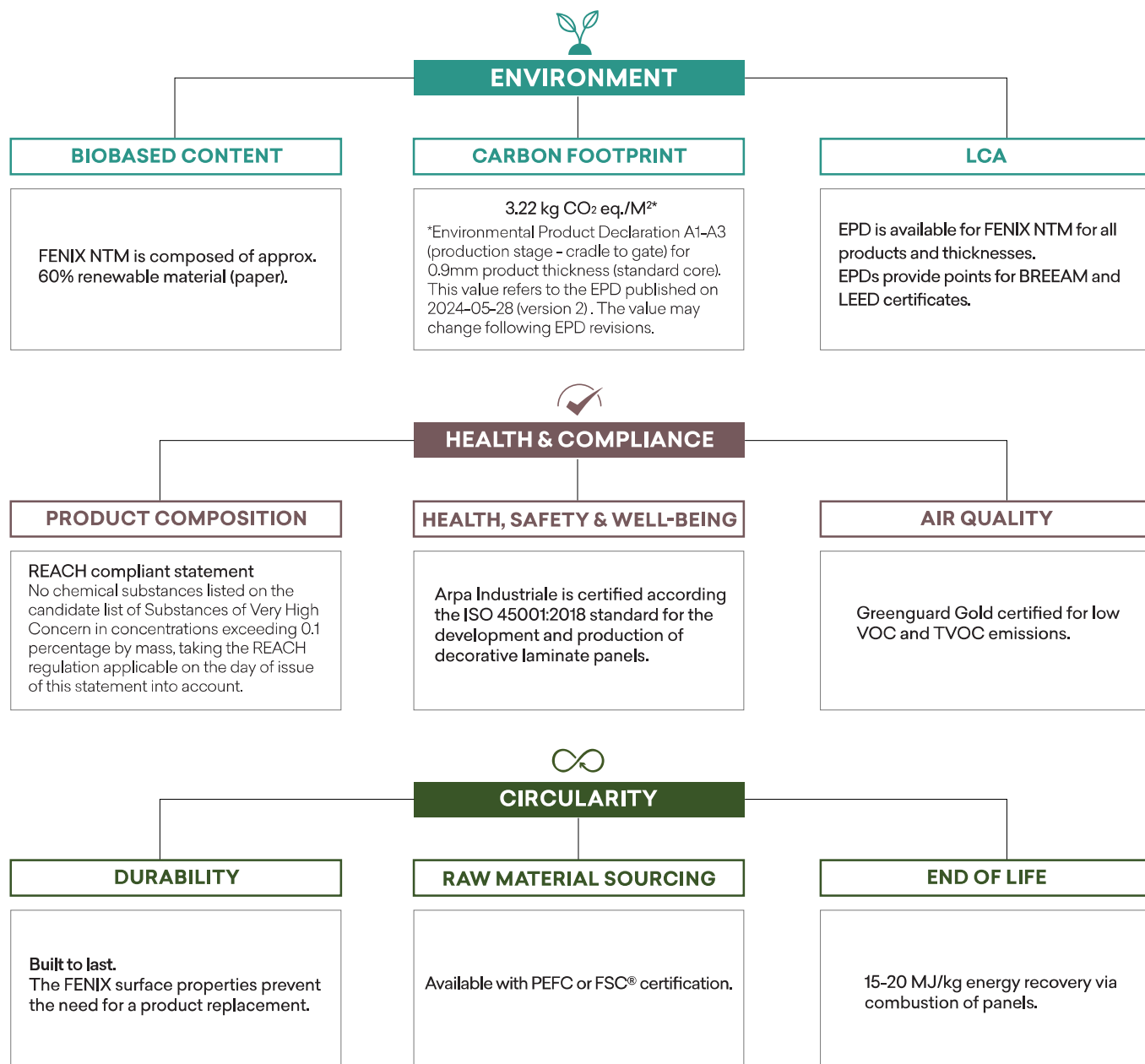


# SUSTAINABILITY PRODUCT ID

## FENIX NTM®

Introduced in 2013, FENIX® are the innovative materials created for interior design by Arpa Industriale. Created with proprietary technologies, the external surface of FENIX is characterised by the use of next generation acrylic resins, hardened and fixed through an Electron Beam Curing process. This makes you experience unique features. At first glance, the surfaces strike for their super-matt appearance. By touching them, you feel how pleasantly soft they are, with the further surprise of leaving no fingerprints. Thermal healing of superficial micro-scratches is also possible.



# ENVIRONMENTAL & HEALTH DATASHEET

## FENIX NTM®

FENIX NTM® is a material produced by simultaneous application of heat and pressure, to obtain a homogeneous non-porous high-density product. The core structure is composed of paper, impregnated with thermosetting resins. The outer surface is made of a paper substrate treated with next generation acrylic resins applied to the substrate as a multilayer coating and subsequently, cured via an electron beam process.

### Raw Materials and Primary Products

Wood origin for paper production

Arpa Industriale holds the FSC® (License Code FSC-C115920) and PEFC (License Code PEFC/18-32-119) certifications. The FENIX range is available upon request with FSC® Mix, FSC® Controlled Wood, and PEFC, PEFC Controlled Sources certifications.

Please inquire availability from your sales contact.

Arpa Industriale adopted a Due Diligence system as required by the EUTR Regulation n. 995/2010 that allows to assess the risk of placing illegally harvested wood on the European market.

A communication on the origin of the paper used in our products is available upon request.

All the certificates are available for download on [fenixforinteriors.info](https://fenixforinteriors.info)

### Renewable content

	Renewable content	Fossil-based content
FENIX NTM	≥60%	≤40%

### Recycled content

	Virgin material	Pre-consumer recycling material	Post-consumer recycling material
FENIX NTM	100%	0%	0%

### Carbon footprint

	Global warming potential (cradle to gate)
FENIX NTM 0.9mm standard core	3.22 kg CO <sub>2</sub> eq./M <sup>2</sup> (A1-A3 modules)

FENIX's carbon footprint is certified by an independent third party and emissions data are published on FENIX's Environmental Product Declarations. This value refers to the EPD published on 2024-05-28 (version 2). The value may change following EPD revisions.

The EPDs are available for download on [fenixforinteriors.info](https://fenixforinteriors.info)

# ENVIRONMENTAL & HEALTH DATASHEET

## FENIX NTM®

### Material composition

FENIX NTM is a paper-based material. It comprises individual layers of natural fibres treated with thermosetting resins and a surface-coloured layer treated with next generation acrylic resins, pressed by simultaneous application of heat and pressure, to obtain a homogeneous non-porous high-density product. Backside is sanded.

## MANUFACTURING

### Production plants and their certifications

The product is manufactured at the following location.  
Certifications are available for download at [arpaindustriale.info](http://arpaindustriale.info)

PLANT	ISO 9001	ISO 14001	ISO 50001	EMAS	ISO 45001
Bra (Italy)	•	forthcoming	forthcoming		•

## USE

### Processing instructions

See document available for download on [fenixforinteriors.info](http://fenixforinteriors.info)

- Technical Information

### Technical data

See document available for download on [fenixforinteriors.info](http://fenixforinteriors.info)

- Material Properties Data Sheet

### Product certifications

Certificates are available for download on [fenixforinteriors.info](http://fenixforinteriors.info)

# ENVIRONMENTAL & HEALTH DATASHEET

## FENIX NTM®

### Product emissions and health aspects

SUBSTANCE	MEETS THE REQUIREMENT	DETAILS
Formaldehyde Emissions	E1	EN 13986
Volatile Organic Chemical Emissions	Greenguard Gold certified	Greenguard Gold Certification Low Chemical Emission UL 2818
Food contact	Food Contact Materials performance	Regulation EU n° 10/2011 and following amendments
Hygiene	NSF certified	NSF/ANSI 35

### Safety

This product is not hazardous in the form in which it is shipped by the manufacturer.

### Health information

The surfaces are physiologically safe and approved for use in contact with foodstuff according to EU Regulation 1935/2004 and EU Regulation 10/2011 on the day of issue of the declaration. FENIX materials are classified as non-hazardous, taking the REACH regulation applicable on the day of issue of this statement into account.

### Environmental and health aspects in use

The surface of FENIX is cured and therefore chemically inert. FENIX materials are SEFA 8.1 approved, resistant to common household solvents and chemicals. The non-porous surface can be disinfected using any of the common disinfectants such as ethanol, formalin, p-chlorine-m-cresol (0.3%) and chloramine T (1-5%), etc.

Working areas	general dust regulations are applicable
Formaldehyde Emissions	E1 according to EN 13986
Pentachlorophenol	it does not contain PCP
Asbestos	it does not contain asbestos
Halogens	it does not contain halogens
Heavy metals	it does not contain antimony, barium, cadmium, chromium III, chromium VI, lead, mercury, selenium.

# ENVIRONMENTAL & HEALTH DATASHEET

## FENIX NTM®

### FENIX fire fighting

The same firefighting techniques should be employed as with other wood-based building materials in dealing with fires involving products.

### Cleaning and Maintenance

The surface should be cleaned regularly. It does not require any special maintenance, just a damp cloth with warm water or a mild detergent. Almost all regular household cleaning products or disinfectants can be safely used. For the most common stains, you can simply clean the surface with warm water using a non-abrasive cloth. Tougher stains can be removed with non-abrasive household cleaners or solvents. For older, dried or caked-on stains, use a magic sponge or soft cloth to remove them. After using any solvents, we recommend rinsing the surface with warm water and a detergent. Always rinse thoroughly to remove the detergent with clean water, preferably warm.

See documents available for download on [fenixforinteriors.info](https://fenixforinteriors.info)

- FENIX | Cleaning Guidelines
- FENIX | Deep Cleaning

### End of life – Waste treatment

#### Reuse

Since laminates are used as composite materials, reuse depends on how the material has been assembled.

#### Recycling – Material use

The product itself cannot be recycled for the same use.

#### Waste disposal

Disposal as a result of any processing must take place after assignment of the appropriate European Waste Code at the expense of the user and treated in accordance with current legislation.

Due attention must be taken to apply the correct EWC Index and to follow the regulations on disposal when the material has been processed and used to create items and composites by the customer.

#### Energy recovery

On account of their high calorific value (15-20 MJ/kg) the products fit for thermal recycling, to be made only in authorised plants.

# ENVIRONMENTAL & HEALTH DATASHEET

## FENIX NTM®

### Compliance with Greenguard Gold

FENIX NTM is certified according to the Greenguard Gold certification scheme, under the manufacturer's name Arpa Industriale S.p.A.. The Greenguard Gold certificate number is 62295-420. The certificate is available for download on [fenixforinteriors.info](https://fenixforinteriors.info)

### Compliance with Nordic Swan Ecolabel

FENIX NTM is certified according to the Nordic Swan Ecolabel – an environmental labelling scheme certifying that a product or service complies with the requirements for the label, i.e. resource efficiency. The certificate is available for download on [fenixforinteriors.info](https://fenixforinteriors.info)

### Compliance with M1 – Emission Class for Building Material Certification

FENIX NTM is M1 certified according to the Building Information Foundation RTS. The certificate is available upon request.

### Environmental life cycle assessment

The product has a verified Environmental Product Declaration (EPD) in accordance with ISO 14025:2006, EN 15804:2012 +A2:2019/AC:2021, and ISO 21930:2017. EPD is available for download on [fenixforinteriors.info](https://fenixforinteriors.info)



### International Building Environmental Standards

Regarding general compliance with international building environmental standards, like LEED, WEEL, BREEAM, etc., they do not apply directly to FENIX products since they are considered as semi-finished products/raw materials. However, upon request, we can supply upon request the required information needed by customers for their final certification.

### Missing any labels and information?

Additional information in the form of manufacturer declarations, EPDs and brochures is available at [fenixforinteriors.info](https://fenixforinteriors.info)

The FENIX product, sustainability and compliance team will support you with further information on the requirements. Please get in touch with [info@fenixforinteriors.com](mailto:info@fenixforinteriors.com) or contact your FENIX sales contact or distributor for any inquiries.