

# mBlack™ WOODEN CONTAINER

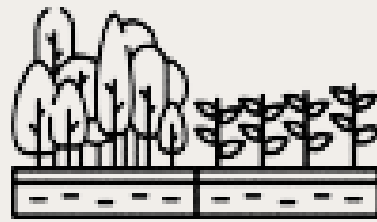
biodegradable, customizable, unique



# mBlack™: let's all be part of the solution

## What is mBlack™?

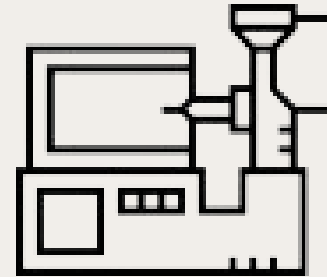
It is a patented, nature-based bio-composite that combines the benefits of a polymer while being particularly eco-friendly: in fact, it stocks CO2\* in the long term.



Biobased



A carbon sink



Injection moldable



Biodegradable and compostable  
(no microplastics left behind)



\*Wood waste are otherwise burned to generate heat and by doing that the CO2 captured by the tree when it was alive is finally released into the atmosphere.

## **Some features of the mBlack™**

- **Atoxic**
- **Food-safe**
- **Heat resistant**
- **Chemically inert and resistant**
- **Antistatic**
- **Moldable just like traditional plastic**
- **Black color available only**

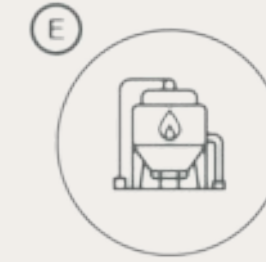
# The technology behind mBlack™



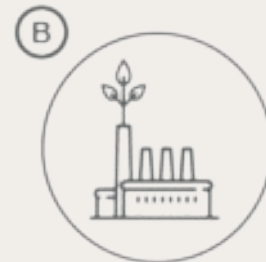
## The circularity behind the technology



Responsively managed forest and crops. Compliance with standards FSC®, EUTR 995, Lacey Act, REACH (EC 1907/2006).



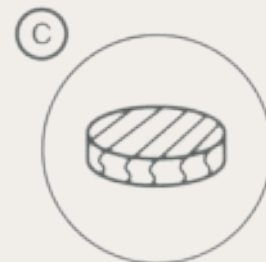
Wood waste from production re-conversion plant.



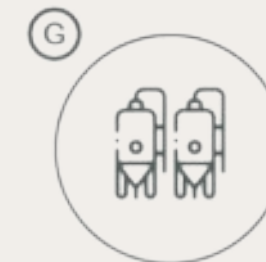
Sustainable factory: emissions 100% law-compliant, wood waste 100% re-used, energy from renewable resources, logistics optimization.



mBlack™: our material is biobased, biodegradable, food grade. It decomposes without leaving microplastics behind, it does not interfere with the food supply chain, it is a climate cooling service.



Premium wood components. Shown here is a Minelli's LegnaVis threaded cap with a cork sealing disk: 100% biobased, monomaterial solution.



Fermenters to convert organic waste into a biopolymer.



Tons of wood waste are generated as a manufacturing by product.



Premium packaging solutions for the beauty industry.

# ProfiMed wants you to be **unique** while doing your part for the planet



This is why we created a brand-new floss dispenser, developed around the circularity of material waste and the upcycling value proposition.

***Let's give a look on how this floss dispenser is made!***

- The outer wood container made by FSC 100% beech wood will provide a high end and durable product.
- The inside box is made of mBlack™ which is obtained out of the same wood waste of the outer container production.

The insight benefit for consumer who buy a product made with mBlack™ is to get a stock of CO2 that otherwise would be scattered into the atmosphere.

The concept can be developed with the possibility of having a replaceable dental floss, but can also be pushed as a single type of *compostable and biodegradable* item.

# mBlack™ wooden container: tailored to your preferences

Embrace the freedom of customization with our mBlack™ wooden container, designed to cater to your unique requirements:

**Customizable floss options:** the wooden floss dispenser can fit up to 100 meters of dental floss, offering a canvas for creativity. Personalize your floss experience by blending different waxes, treatments, and aromas according to your preferences.

**Branding Excellence:** make a lasting impression by pad-printing your logo on the top of the wooden floss dispenser. Witness the power of your brand prominently displayed on the front of this stylish container, adding a touch of excitement and identity to your product.

**Cardboard secondary packaging:** your product's presentation matters, and with our customizable cardboard secondary packaging options, you have the flexibility to create a packaging solution that reflects your brand's essence. Whether you opt for a cardboard blister or a cardboard box, the choice is yours. Additionally, we offer FCA paper for a premium touch. For more details, reach out to your dedicated Account Manager.

**ProfiMed**



# mBlack™: the future is in our hands

a whole Team of Account Managers is at your disposal



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