

**MILLA
MORE**

**PREMIUM QUALITY
PRODUCTS FOR
SMALL ANIMALS!**



BEDDING



FEED



TOYS



NESTING MATERIAL

WHY MILLAMORE?

Tapvei Estonia has been a leading manufacturer and worldwide supplier of high-quality aspen bedding over 38 years. In 2015, Millamore brand was created to provide **highest quality** and **safe products** for pets at home. All Millamore products are produced in Europe.



RODENTS



REPTILES



BIRDS

MILLAMORE premium-quality bedding, feed and accessories provide **the ultimate coziness, hygiene and activity.**



BEDDING



FEED



TOYS



NESTING MATERIAL

100% NATURAL BEDDING

MILLAMORE 100% natural bedding is specially made for use with animals, made from **fresh aspen wood** that does not contain chemical additives nor left-overs from the timber or paper industries.

CLEAN CAGE IS CRUTIAL

A clean cage is essential to the well-being of any small animal and therefore it is important to choose the **right bedding** for your little friend. Choosing the right bedding, feed and toys comes down to a few factors, but the most important one is preserving the health and quality of life for your pet.

WHY MILLAMORE?

HEALTH AND WELLBEING

MILLAMORE feed will help provide your pet with essential **protein, fiber, nutrients and vitamins** that are required to keep their teeth, skin and bones healthy.



TEETH



SKIN



BONES

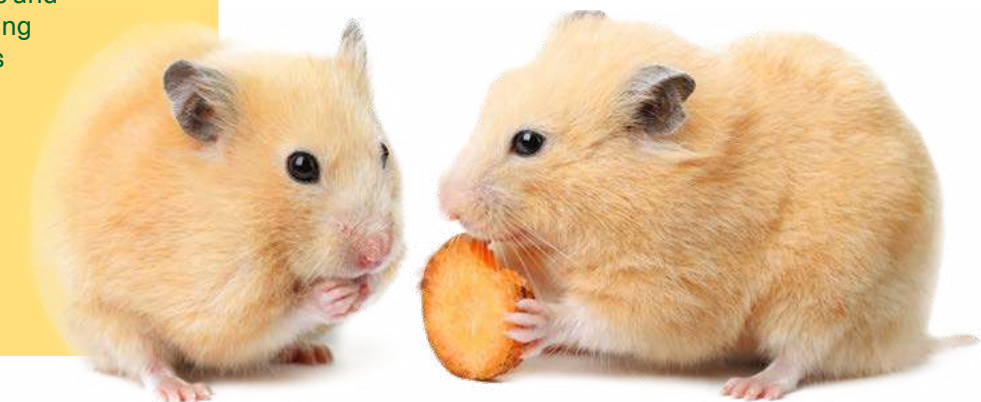
ALL NATURAL!

We care for you and your pets and this is why we focus on creating the best and natural products for your small friend!

PLAYFULL ENVIRONMENT

MILLAMORE special toys give rodents the perfect opportunity to play, work out, reduce stress and create a positive environment. Accessories that enrich the animal's living environment are also suitable for chewing, climbing and hiding.

MILLAMORE – all you need for the happiness and well-being of your little friend!





MILLAMORE BEDDING

A good amount of quality bedding will go a long way to ensure that your pet stays happy and healthy!

MILLAMORE – premium-quality bedding provides the ultimate coziness and hygiene for small pets: **rodents, reptiles or birds.**

MILLAMORE products are specially made for use with animals, made from **fresh aspen wood** that contains neither chemical additives nor leftovers from the timber or paper industries. Vets and animal welfare specialists recommend aspen for bedding due to its **lower resin content** than in conifers.

MILLAMORE bedding has excellent **absorbency and odour control.** The products are safe and tested in a laboratory – wood that has been treated at a high temperature (over 100°C) contains **no pathogenic bacteria or other microorganisms.** Moreover, the bedding is dust-free to protect the respiratory system and avoid allergies among pets and people.

The raw material of MILLAMORE bedding has FSC® certification, guaranteeing **responsible and sustainable forest management.** Production is waste-free and uses bioenergy, and all products are **biodegradable** – you can either compost them or use them as environmentally friendly biofuel.

It is easy to care and clean with MILLAMORE – the bedding will not stick to the paws or fur of animals and will not spread around when animal moves about in the cage. The packages are light and easy to carry.

We recommend cleaning the cage at least **once a week.** By doing this, you keep your pet's environment relaxing and clean, minimizing odor. You can also spot-clean the cage daily, scooping out wet areas and adding additional bedding.



PREMIUM BEDDING



SUPERSOFT BEDDING



DUST FREE
HEALTHY LIVING



BIODEGRADABLE &
COMPOSTABLE



HIGH
ODOR CONTROL



100%
NATURAL



HIGHEST
ABSORBENCY



LABORATORY
TESTED





MILLAMORE PREMIUM BEDDING

Bedding for small animals: rabbits, guinea pigs, hamsters, rats, mice, degus, chinchillas, ferrets, as well as birds and reptiles.

Package sizes:

- ✓ 10 l
- ✓ 20 l
- ✓ 50 l



MILLAMORE SUPERSOFT BEDDING

Bedding for small rodents such as hamsters, mice and gerbils, as well as reptiles, and animals which are hairless or have sensitive skin.

Package sizes:

- ✓ 10 l
- ✓ 50 l



MILLAMORE NESTING MATERIAL

MILLAMORE Nesting Material is wood wool made from aspen. It is soft and dust-free and perfect for small animals and birds for **nest-building, shelter** and **thermoregulatory control** during resting and sleeping. It diversifies the cage environment, reduces stress and improves animal welfare. Nesting material is also essential for parturient females.



Package variations:

- ✓ 3 kg
- ✓ 50 g



It is really important that the bedding we choose is **safe, comfortable, and let pets express their natural behaviors!**

All-natural bedding is a safe choice that is great for your pet as well as being **friendly to the environment!**



MILLAMORE NESTPADS

Nesting material is very important for all small rodents – they need places where they feel **protected and comfortable**.

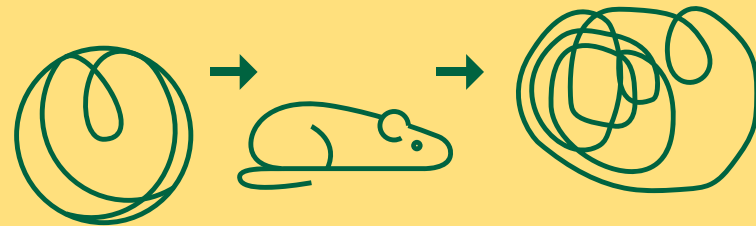
Millamore nestpads are made from pure untreated aspen strips and are **compressed** into small pads. To get the wool from the pad, pets must **work a little**- this gives your furry friend lots to do, chew on and will keep them active, entertained and never bored or lonely. Pads are **soft, dust-free** and perfect for small animals for **nest-building, shelter** and **thermoregulatory** control during resting and sleeping. It diversifies the cage environment, **reduces stress and improves animal welfare**.

The quantity of nesting material in the pads is optimal given the need of the animal. Pads are **easy to handle**, just put nestpads in a cage and your small friend knows exactly what to do – they dismantle the pads and then either make a nest or use it as a shelter.

Store in a dry place. Waste is **biodegradable and compostable**.

HOW TO USE

Just put Nestpads in a cage and your small friend knows exactly what to do - they dismantle the pads and then either make it a nest or use it as a shelter



Made from pure Untreated aspen



For nest-building, shelter, thermoregulatory control



Promotes activity & Reduces stress



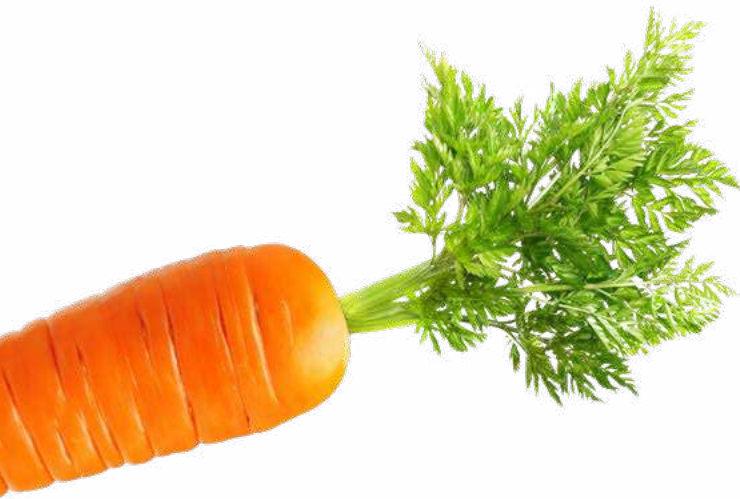
Saves time & Easy to handle



Package variations:

- ✓ 3 in pack
- ✓ 8 in pack





COMPLETE FEED FOR GUINEA PIGS



COMPLETE FEED FOR RABBITS



MILLAMORE COMPLETE FEED

Ensuring you feed your small friends the right kind of food is one of the most important responsibilities as a pet owner. Food gives them nutrients and vitamins they need to stay healthy, while also helping to grind down their teeth and promote good digestion. Millamore feed will help provide your pet with essential **protein, fiber, nutrients** and **vitamins** that are required to keep their teeth, skin and bones healthy. Therefore, this feed is a great addition to your pets' everyday hay and vegetable diet.

There are no seeds or fruits in this feed as well as no refined sugars or artificial ingredients that your pet wouldn't encounter in the wild. In a pellet feed, there is no chance of selective feeding, and the vitamins, mineral and amino acids all add to a **balanced and complete diet**.

Millamore guinea pig feed is enriched with **vitamin C** that is important to the health of guinea pigs – they are unable to synthesize or store vitamin C, but it is necessary for the body to produce collagen, a component of connective tissues such as ligaments, bones, skin and blood vessels and to maintain a healthy immune system. Resealable packaging significantly reduces the risk of food contamination, helping to prevent food-related illnesses. In addition, resealable packaging increases product shelf-life by preventing the food from drying out and keeping it fresh for longer.



SUPPORTS CHEWING ACTIVITY



HIGH QUALITY VEGETABLE PROTEIN SOURCE



NO ADDED SUGAR, ARTIFICIAL COLORS AND FLAVORS



FIBER-RICH FOR HEALTHY DIGESTION



CONTAINS ALL ESSENTIAL VITAMINS



PELLETED FEED – NO SELECTIVE FEEDING





MILLAMORE COMPLETE FEED FOR GUINEA PIGS

Package size:

✓ 800 g

FEEDING GUIDE

The recommended average daily consumption is **30-35 g/kg body weight**, depending on the size, age and breed of the guinea pig.

0-300 g	300-600 g	600-900 g	900-1200 g
11 g	11-22 g	22-32 g	32-44 g

ANALYTICAL CONSTITUENTS %

Protein	14.1%
Fat content	4.2%
Crude fibre	19.6%
Crude ash	6.5%
Calcium	0.8%
Fosfor	0.5%

VITAMINS

A	15,000 IU	C	2,136 mg
B ₁	18 mg	D ₃	600 IU
B ₂	12 mg	E	76 mg
B ₆	9 mg	K ₃	3 mg
B ₁₂	24 µg		

TRACE ELEMENTS

3b103: Iron as Ferrous sulphate monohydrate	100 mg/kg
3b202: Iodine as Calcium iodate	1.14 mg/kg
3b405 Copper as Cupric sulphate pentahydrate	10.63 mg/kg
3b502: Manganese as Manganous sulphate monohydrate	66.14 mg/kg
3b603: Zinc as Zinc oxide	62.31 mg/kg
3b801: Selenium as Sodium selenite	0.21 mg/kg
3b304: Cobalt as Co(II) carbonate granulate	0.32 mg/kg



MILLAMORE COMPLETE FEED FOR RABBITS

Package size:

✓ 800 g

✓ 1.5 kg

FEEDING GUIDE

The recommended average daily consumption is **40 g/kg body weight**, depending on the size, age and breed of the rabbit.

1 kg	1.5 kg	2 kg	2.5 kg	3 kg	3.5 kg
40 g	60 g	80 g	100 g	120 g	140 g

ANALYTICAL CONSTITUENTS %

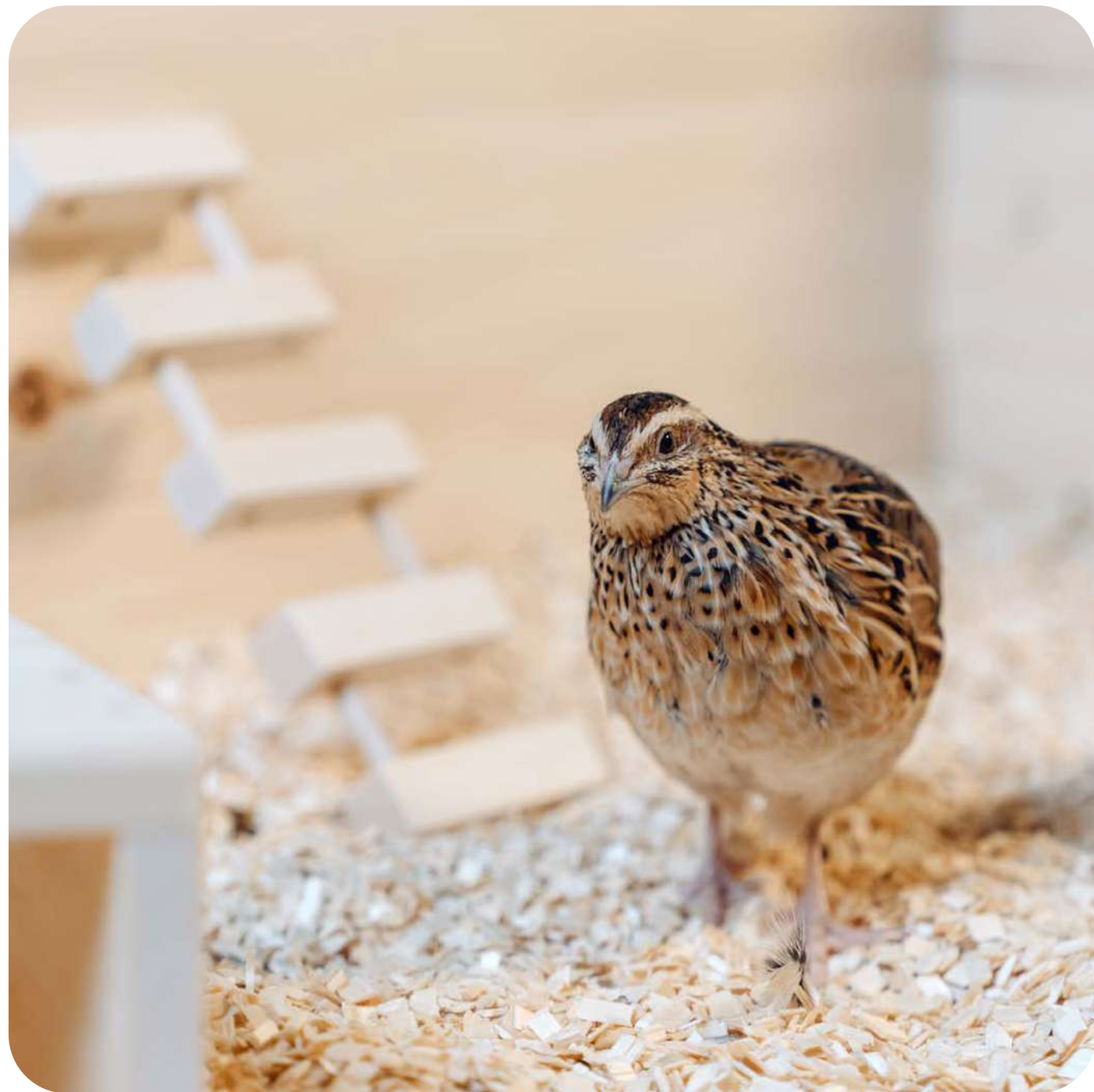
Protein	14.2%
Fat content	3%
Crude fibre	20%
Crude ash	7.3%
Calcium	1%
Fosfor	0.5%

VITAMINS

A	15,000 IU	C	36 mg
B ₁	18 mg	D ₃	600 IU
B ₂	12 mg	E	75 mg
B ₆	9 mg	K ₃	3 mg
B ₁₂	24 µg		

TRACE ELEMENTS

3b103: Iron as Ferrous sulphate monohydrate	100 mg/kg
3b202: Iodine as Calcium iodate	1.14 mg/kg
3b405 Copper as Cupric sulphate pentahydrate	6.25 mg/kg
3b502: Manganese as Manganous sulphate monohydrate	25.3 mg/kg
3b603: Zinc as Zinc oxide	25 mg/kg
3b801: Selenium as Sodium selenite	0.26 mg/kg
3b304: Cobalt as Co(II) carbonate granulate	0.32 mg/kg



MILLAMORE TOYS & ACCESSORIES

The most important thing when choosing any pet toy is that it is safe!

MILLAMORE natural toys provide a variety of **nesting, shelter** and **chewing options**. Toys respond to the animals' natural instinctive needs by encouraging hiding, climbing and chewing and contribute to the maintenance of general well-being.

MILLAMORE toys are made from **fresh aspen** wood that do not contain chemical additives or leftovers

from timber or paper industries. Vets and animal welfare specialists recommend aspen for chewing due to its lower resin content than in conifers. Neither glue nor metal parts have been used to produce these toys.

Production is **waste-free** and uses bioenergy, all products are biodegradable – you can either compost them or use them as environmentally friendly biofuel. MILLAMORE toys and accessories are **washable** and **reusable** up to 14 times.





CARDBOARD TUNNEL

Size:

- ✓ S (70x1,5x120 mm (Ø 70))
- ✓ M (110 x 2 x 180 mm (Ø110))
- ✓ L (150 x 2 x 230 mm (Ø150))



Made from
recycled
cardboard



Safe to chew



No added
chemicals



Provides
exercise and
hideaway



MILLAMORE CARDBOARD TUNNELS

Millamore tunnels give small animals the perfect opportunity to **play, work out, reduce stress and create a positive environment**. Guinea pigs and other rodents have an instinct for digging tunnels—Millamore tunnels give your furry friends lots to do, chew and will keep them active, entertained and never bored or lonely.

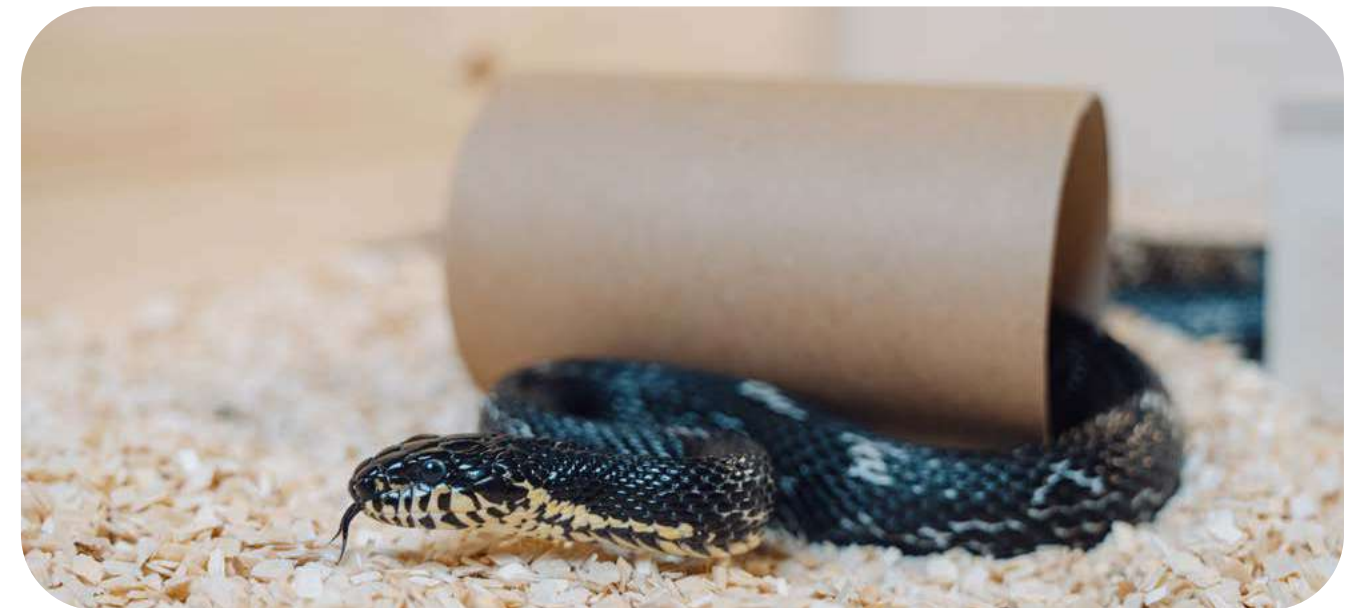
Cardboard tunnels encourage **chewing and gnawing**, help animals satisfy their natural instincts and provide the additional benefit of offering a substrate on which animals can chew to wear down their continuously growing front teeth.

Tunnels also provide **exercise and hideaway** for your pet. Smaller pets such as hamster, mice and gerbils would like to **chew, play or sleep** in the tunnel, larger pets like rabbits and guinea pigs will toss it or shred it, especially when filled with their favorite hay or treats.

Millamore tunnels are **easy to handle**, are thicker and will last longer than toilet roll tubes.

Made of cardboard, **environmentally friendly** and recyclable materials with no added chemicals, making these totally **safe for chewing**.

Store in a dry place. Waste is biodegradable and compostable.



GNAWING



RABBIT BRICK

Size:

✓ 65x58x23 mm

BALL

Size:

✓ Ø 30 mm

GNAWING BRICKS

Wooden toys are safe to gnaw on and a form of entertainment for your pet!

Sizes:

- ✓ S (50x10x10 mm)
- ✓ M (100x20x20 mm)
- ✓ L (200x43x43 mm)

Rodents' teeth grow continuously from birth and must regularly be used for gnawing to keep them worn down and sharp. MILLAMORE special bricks, designed for chewing and gnawing, will help animals **satisfy their natural instincts and exercise their teeth and gums, promoting dental health.**



HOUSES



MOUSE HOUSE

Size:

- ✓ 110x110x67 mm (Ø40 mm)



ARCADE

Sizes:

- ✓ 14 (198x105x90 mm)
- ✓ 17 (180x140x107 mm)



TUBE

Size:

- ✓ S (100x75x75 mm)
- ✓ L (198x105x105 mm)



MOUSE CABIN

Size:

- ✓ 155x95x85 mm (Ø30 mm)

Tunnels and houses are essential to ensure active time and to give shelter!

The basic behavioral pattern of most rodents is to flee and hide. Tubes, tunnels, houses and other similar hideouts are ideal shelters and also good for gnawing – they enrich the cage's environment, making it more complex, **improve the well-being of the animal and give the animal a choice of activity.**



PLAYING



CUBE

Size:

✓ 60x60x60 mm (Ø30 mm)



LABYRINTH

Size:

✓ 150x43x10 mm (Ø30 mm)



CORNER

Size:

✓ 105x75x80 mm



Playing is good for anyone's health. Rodents live longer and better if they're happy!

MILLAMORE special toys give rodents the perfect opportunity to **play, work out, reduce stress and create a positive environment**. Accessories that enrich the animal's living environment are also suitable for **chewing, climbing and hiding**.



STAIRS

Size:

✓ 75x20x208 mm



MILLAMORE QUALITY



ECO-FRIENDLY: BIODEGRADABLE
AND PRODUCED USING BIOENERGY

MILLAMORE bedding is dried at 100-120 °C for two hours to create a moisture content below 10%. Low moisture level, the bedding particle size and structure guarantee 200% liquid absorption capacity of MILLAMORE bedding. The high temperature also eliminates micro organisms (bacteria, mold and yeast) from the bedding. In a comparison of different wooden beddings, MILLAMORE outperformed with an **ammonia-binding capacity 3 times higher than other wooden bedding types**, which keeps the air inside the cage clean and safe and allows for longer bedding-change intervals.

Additionally, aspen is safer than pine or spruce due to low pinene content and do not contain chemical

additives nor leftovers from the timber or paper industries.

MILLAMORE bedding contains **no dust** and has **smooth edges**. Dust may affect the respiratory system of animals and human, and sharp edges are the main source of dust and may also harm sensitive skin. The dust content in our bedding is close to zero (0,1-0,7%). Other wood bedding, mostly shavings that are widely used for pets, may contain up to 15% dust.

Production is **waste-free** and uses bioenergy, and all products are **biodegradable** - you can either compost them or use them as environmentally friendly biofuel.



CERTIFICATE OF ANALYSIS

The safety and purity of products is regularly screened for over 200 elements and compounds. The content of bacteria, toxic compounds, pesticides, etc. in the Millamore products is **regularly tested** and is compliant with the requirements for animal feed.

QUALITY CERTIFICATE

Our production process follows ecological and sustainable management standards. We follow responsible **FSC forest management practices** that guarantee the origin of the raw material. The raw material is supplied from nearby areas to **minimize CO² emission**. The management system has been approved by ISO 14001:2015, ISO 9001:2015 and ISO 45001:2018 standards. When needed, Phytosanitary Certificate is released to confirm that a particular shipment has been treated to be free of harmful pests and plant diseases.

Microbe counts (CFU/g) in animal feed and in Millamore bedding			Critical values (mg/kg) of heavy metals and agrochemicals in animal feed and in Millamore bedding		
	Critical values for feed *	MILLAMORE		Critical values for feed**	MILLAMORE
Total bacterial count	< 1 x 10 ⁵	< 100	Arsenic	2,00	< 0,10
Yeasts	< 1 x 10 ⁵	< 10	Cadmium	1,00	0,23
Moulds	< 1 x 10 ³	< 100	Lead	5,00	0,19
Salmonella	0	0	Mercury	0,10	0,02
E. coli	10	< 10	DDT (Total)	0,05	0

* Guidelines for the quality-secured production of laboratory animal feed. Society for Laboratory Animal Sciences, GV-SOLAS, Committee for the Nutrition of Laboratory Animals; 2001

** European Council Directive 1999/29/EC: the undesirable substances and products in animal nutrition

Table 1: The content of bacteria, toxic compounds, pesticides, etc. in the MILLAMORE products is regularly tested and is compliant with the requirements for animal feed:

MILLAMORE SUSTAINABILITY PRINCIPLES

Sustainability is usually defined as meeting the demands of the present without compromising those of the future. This meaning is at the heart of our operations at Millamore. A successful business model not only needs to be measured by its monetary success but must also take into account social and environmental issues. We are proud to confirm that Millamore has been and will continue its efforts to be a leader in all fields within its industry.

GIVING BACK

We have started cooperating with the Nature Conservation Fund in Estonia to contribute to the European Commission's climate pact and the call to plant 3 billion trees in Europe. Millamore team plants more than 5000 trees every year.

SUSTAINABILITY

Sustainability is at the core of Millamore's business as a leading producer of aspen bedding material. Sustainability to us means making the most of the limited natural resources while offering the best products to our customers. Our sustainability efforts go beyond in-house operations as we are committed donors to zoos and animal shelters.

At Millamore, we are mainly committed to four UN Sustainable Development Goals, where we can have the biggest impact, and which matter the most to us.

The four UN Sustainable Development Goals are:

- Decent Work and Economic Growth
- Industry, Innovation and Infrastructure
- Responsible Consumption and Production
- Life on Land



SUSTAINABLE RESOURCES

Taking care of the environment and making most of the resources available plays an important role in decision-making at Millamore. One of the reasons to obtain certification for environmental management systems (ISO14001) in 2015 was our ambition to be more environmentally conscious. In addition, our efforts are evidenced by increase of resource efficiency, usage of production residue for bioenergy production and reduction of transportation fuel.

ENERGY

Nowhere can Millamore's sustainable way-of-thinking be felt more than in the use of energy. We have increased energy efficiency in our bedding production each year as such, the amount of energy needed to produce a kilogram of product has fallen every year since 2016. It now takes about 164 kWh of electricity to produce 1 tonne of bedding material compared to 202 kWh in 2016 to produce the same amount.

Millamore is committed to a sustainable future and as such purchased renewable electricity from the Estonian state-owned electricity company Eesti Energia. From 2023 onward, Millamore will use 100% renewable energy sources in their whole organisation from production to back-office operations.

WASTE-FREE PRODUCTION

Through the production processes the wood that is used inevitably causes wood-waste. Instead of throwing these by-products away, Millamore uses this valuable resource as bioenergy for heat production. This ensures 100% waste-free use of timber and is also in line with Millamore's environmental beliefs of reducing waste.

We are confident that our sustainability policy will help us to further strengthen our position as a leading manufacturer of premium bedding products for small animals. Only the companies prioritizing sustainability will stand the test of time.



TAPVEI ESTONIA



Tapvei Estonia has been a leading manufacturer and **worldwide supplier** of high-quality aspen bedding over 38 years.

In 2015, the premium retail brand MILLAMORE was launched in order to offer **the highest quality** bedding and nesting products as well as toys and feed for small pets such as rodents, reptiles and birds.

Tapvei is a quality-driven and environmentally friendly company – the activities comply with ISO 9001:2015 management, ISO 45001:2018 occupational health and safety and ISO 14001:2015 environmental management standards. Wood from responsible, FSC-certified forests is used and waste-free production uses bioenergy. The **safety** and **purity** of products is regularly screened for over 200 elements and compounds.

Tapvei Estonia – over 38 years of commitment in animal welfare.



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FOR A HAPPY PET!





**TAPVEI ESTONIA –
OVER 38 YEARS
OF COMMITMENT IN
ANIMAL WELFARE.**

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 **TAPVEI®**
Quality answers in aspen