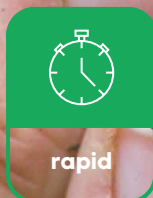
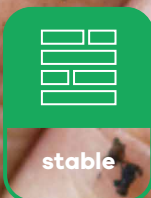
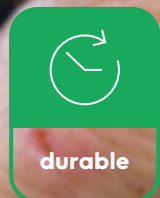
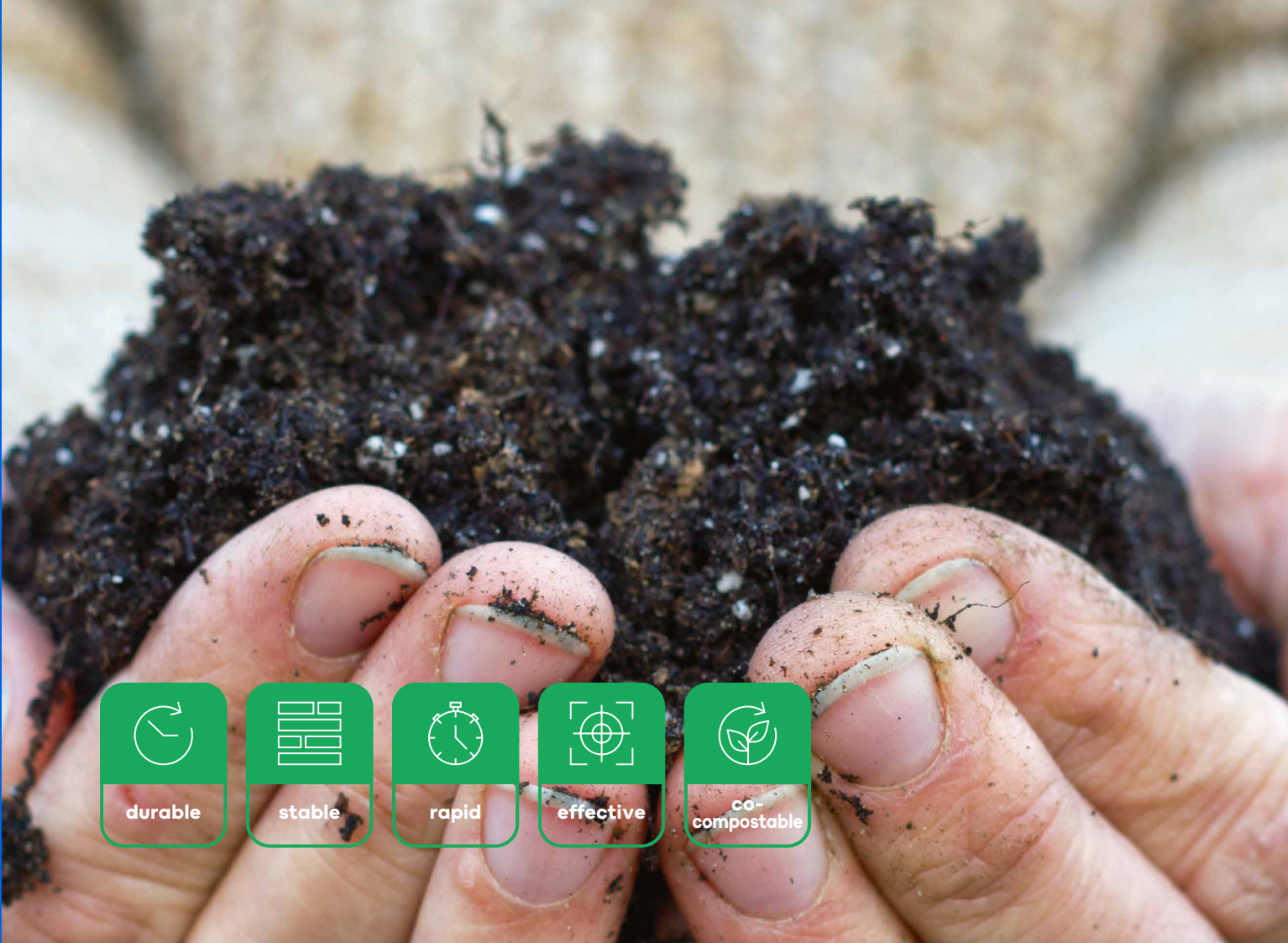


— eloy water



xylit filter media from x-perco[®]


eloy



what is xylit from eloy?



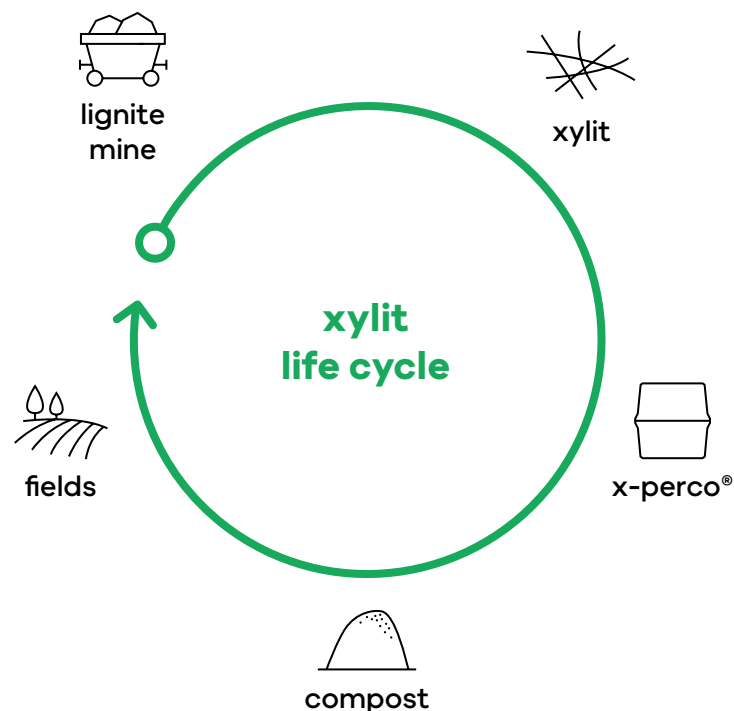
- ✓ by-product from lignite extraction
- ✓ extracted in Germany
- ✓ composed of natural wood fibres, semi-fossilised
- ✓ large contact surface for bacterial development
- ✓ high carbon content

 <p> durable it has a guaranteed life expectancy of 10 + 2 years</p>	 <p> stable it withstands time and compaction</p>	 <p> rapid it develops a dense bacterial biofilm in a very short time</p>	 <p> effective it treats pollution by biological degradation</p>	 <p> co-compostable it has value at the end of its life</p>
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a sustainable development approach

xylit is a waste that we recycle

In our x-perco® wastewater treatment plants, it is enjoying a new life in service of the environment as a **filter media**. At the end of its life, it once again becomes waste that can be **co-composted**. It then becomes once more a high added value product with multiple uses.



proven co-compostability



xylit was tested in France in 2017 and certified NF U44-095*

* study conducted in collaboration with independent organisations: La Compostière de l'Aube, L'Agence de l'Eau Seine Normandie (AESN), La Chambre d'agriculture de l'Aube and La Police de l'Eau.

Of all filter media (zeolites, rock wool, coconut shavings, etc.), **only xylit has been tested under extreme conditions with 10% contribution in the total mass of the compost.**

At the end of the tests, the compost **largely achieves the results necessary** to obtain the French standard NF U44-095. This standard guarantees the quality of a compost containing materials of agronomic interest, resulting from water treatment. It certifies its use as a soil enrichment product, whether in agronomy or simply in the vegetable garden.

results of the study

xylit meets all the **quality requirements** for standardised compost

- ✓ stability of organic matter
- ✓ almost non-existent inert waste
- ✓ very low level of metallic trace elements (MTE)
- ✓ very low level of organic trace compounds (OTC)

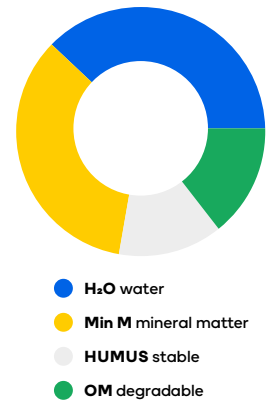
agronomic value of the compost			
physical and chemical properties	results	standards	compliant
ORGANIC MATTER (% gross)	27.54	≥ 20	✓
DRY MATTER (% gross)	62.9	≥ 50	✓
ORGANIC / N ORGANIC MATTER	27.8	< 40	✓
ORGANIC MATTER (% dry)	43.8	≥ 30	✓
TOTAL NITROGEN (N) (% gross)	1.07	< 3	✓
N NITRIC + N AMMONIACAL + N UREA (% of total N)	7.6		
GROSS PHOSPHORUS (P ₂ O ₅) (% gross)	0.7	< 3	✓
GROSS POTASH (K ₂ O) (% gross)	0.72	< 3	✓
N + P ₂ O ₅ + K ₂ O (% gross)	2.49	< 7	✓

its **high carbon content** makes it an essential ally for quality compost

co-composted, xylit participates in soil remineralisation

physical properties of the compost**	
physical properties	results
MOISTURE (% raw product)	37.1
DRY MATTER (% raw product)	62.9
MINERAL MATTER (% raw product)	35.4
ORGANIC MATTER (% raw product)	27.5
pH	9.36
CONDUCTIVITY	7.6
COMPACTED DENSITY (in g/L)	493.1
REJECTION AT 40 MM (% raw product)	3.9

**laboratory number: 77103

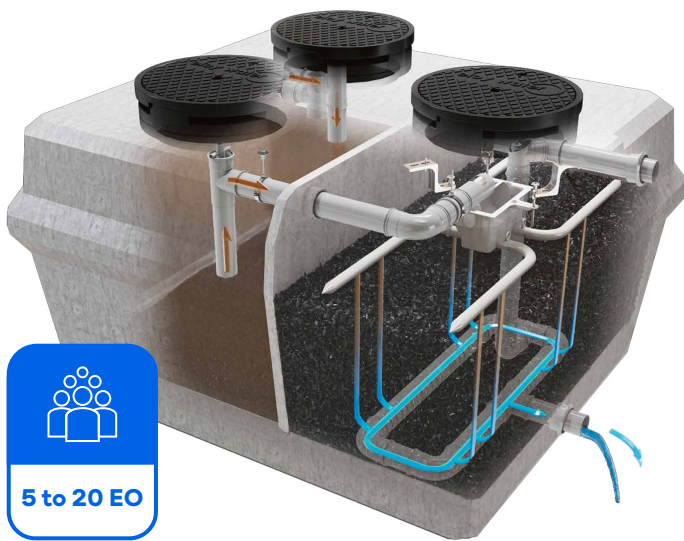


co-composting cycle



x-perco[®] compact filter

inspired by your experience,
meets your requirements



- ✓ in concrete or high density polyethylene
- ✓ no power consumption
- ✓ unique and patented water distribution device
- ✓ revolutionary filter media: xylit
- ✓ 10 + 5 years warranty on the tank
- ✓ 10 + 2 years warranty on the xylit
- ✓ reduced installation time
- ✓ optimised maintenance and drain frequency

with **eloy**,
choose
tranquillity



a quality product



perfect installation



regular maintenance



more information on
eloywater.com

eloy



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