



lambdapor[®] R10

10 % recycling.
Maximum insulating power.



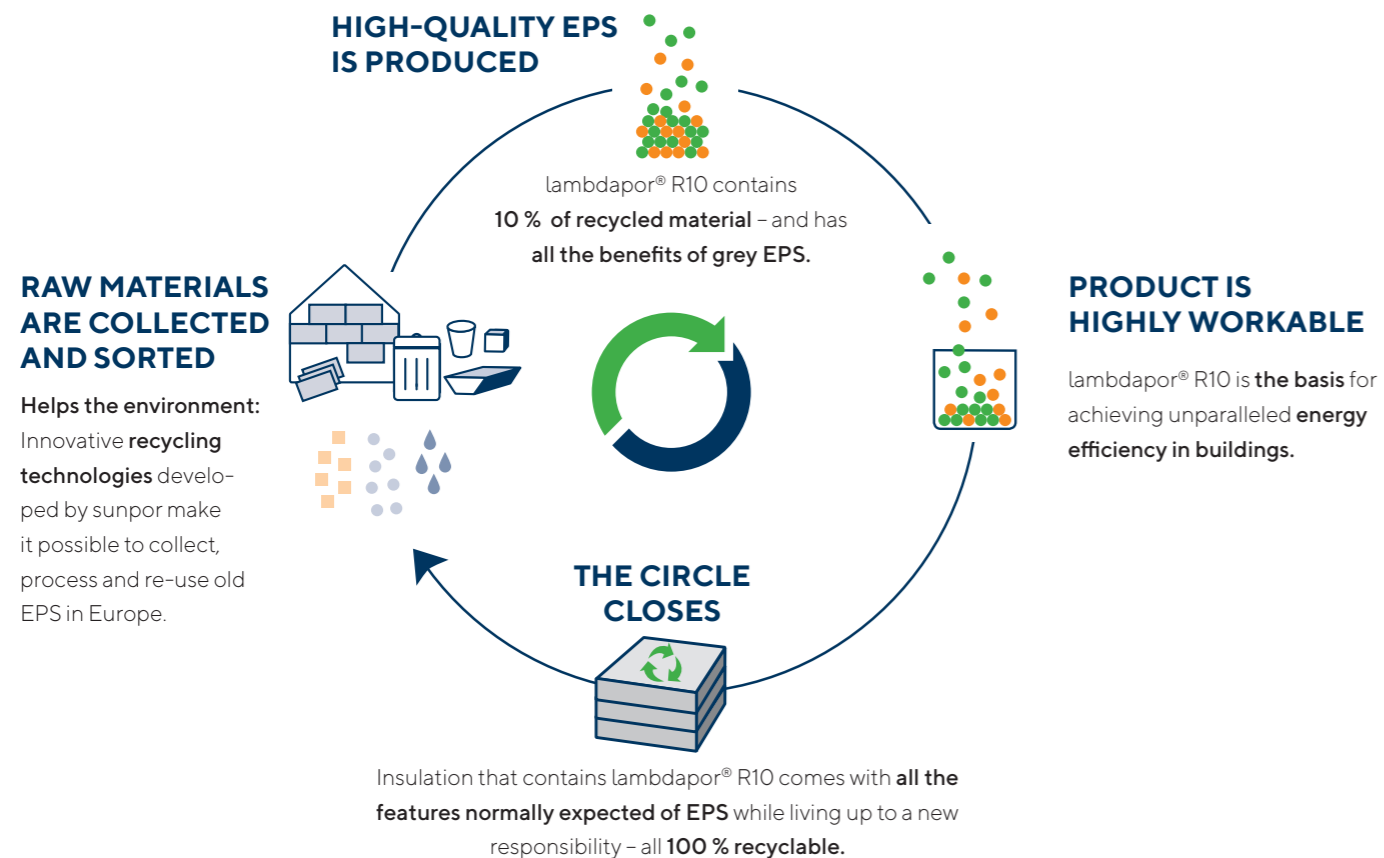
lambdapor® R10

Grey EPS has always saved energy due to its insulating power. Now it also saves fossil-based resources thanks to its use of recycled material.

The lambdapor® success story has become a circular one.

lambdapor® is synonymous with excellent insulating power and leading energy efficiency. sunpor produces over 100,000 tonnes of this **grey EPS** every year, enough to insulate 200,000 detached homes and to reduce during product life annual CO₂ emissions equivalent to those produced by a country such as Denmark (50 million tonnes). **lambdapor® R10** represents sunpor's next step with grey EPS: with full insulating power. And an even better carbon footprint thanks to recycling.

EPS in the cycle – EPS made from used EPS:



Your green deal for insulation.

10 % recycled EPS, 10 % less consumption of 'new' fossil-based raw materials in the production: **lambdapor® R10** sets new standards through the use of recycled EPS, combining the market-leading insulating power with new benchmarks as regards the carbon footprint of EPS. This means real, substantial gains for the carbon footprint of insulation and buildings: preserving the value of materials and flustix®-certified.

sunpor is therefore following the path set out by the **European Green Deal**: to create a circular EPS economy fit for the future. Away from reliance on fossil-based raw materials. **lambdapor® R10** is the start of something that will continue.

Leading insulation technology for future-proof construction work:



Up to 25 % extra insulating power.

With integrated infrared blockers, lambdapor® is the gold standard for EPS, providing maximum insulation and excellent processability.



10 % recycling.

Uses 10 % less new fossil-based raw materials thanks to waste EPS being reused.



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Proven strengths in line with the future-oriented principle of circularity:

- > All the strength of EPS, lower consumption of resources: **containing 10 % high-quality, recycled EPS** from Europe.
- > With the usual **excellent technical properties**.
- > Premium quality from certified Responsible Care production processes
- > **flustix[®]-certified**.

Technical data



Recycled EPS	Flame retardant	Insulation performance	Typical granulate diameter	Density range	Pentane content	Water content
10 % by wt.	yes	●●	1.1 - 1.8 mm	13 - 20 kg/m ³	> 5.0 % by wt.	< 0.3 % by wt.
sunpor products are 100 % recyclable.						100% RECYCLABLE 

sunpor[®] is one of the pioneers of a **circular EPS economy** in Europe. The aim is to reuse EPS in circulation and to produce EPS raw materials time and again, saving a considerable amount of resources. Using recycled material enables sunpor to further improve the already excellent carbon footprint of EPS applications:

better insulation, better protection, better packaging and much more besides ...



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