

SUSTAINABLE

Benefil is 100% recyclable and sustainably manufactured, offering a truly environmentally friendly alternative to traditional void filler materials.

COST SAVINGS

Benefil is quick and easy to install. No heavy lifting or heavy machinery required.

EFFICIENT

Benefil Polymer resin is a super lightweight engineered void filler produced on site from self-contained vehicles carrying sufficient material to produce in excess of 100 cubic yards per hour.

STABLE

Benefil maintains its original dimensions during changes in temperature and humidity. Benefil also provides noise and vibration damping. This is particularly important in urban areas that require increased sound shielding from road traffic on highways and freeways, and a reduction of ground borne vibrations from railway lines.

R VALUE

Benefil retains its R-values, which helps increase the Energy Efficiency Rating (EER) of a project. Green roofs and road construction applications where permafrost can be an issue, BNA becomes an insulative material.



888-717-5750

www.BenefilNA.com

Sales@BenefilNA.com

3230 Vine Street Set. 200
Riverside, CA. 92507

Scan to learn more about how Benefil N.A. provides the ideal solution for road construction on soft soil construction sites.



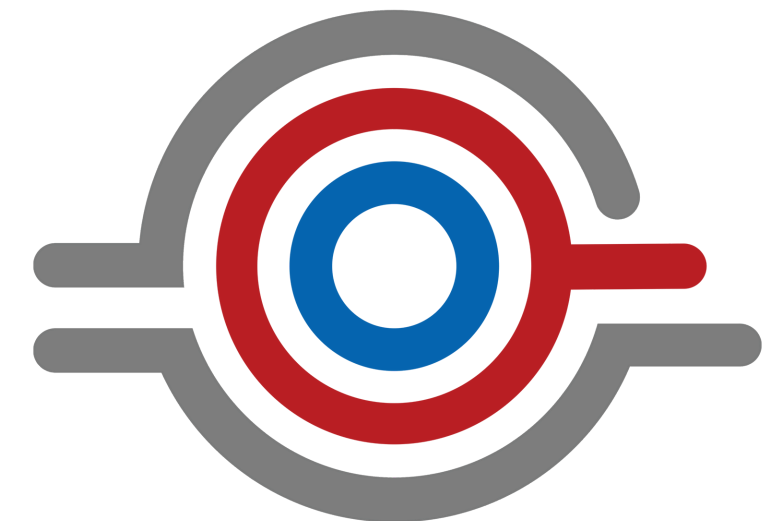
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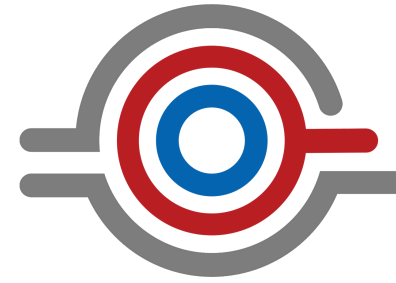
BENEFIL NORTH AMERICA

Benefil is the premier manufacturer for North America's eco-friendly void filler. Through years of investment in R&D and a relentless pursuit of innovation, Benefil has become a contributor in industry that enables builders to replace labor intensive and unreliable traditional fill products with a proven product of stability.

Benefil is easy to handle and weather resistant that is proven to be sustainable and environmentally friendly. Benefil is an inert, long-lasting, and water-resistant that is non-toxic, odorless, and non-irritating to the skin or eyes.

Benefil will not settle or rot. Engineered to give the greatest possible control over a project, Benefil is the material of choice across a variety of civil engineering and landscaping applications, including bridge abutments, lightweight roads, plaza decks, stadium seating, building fill and more.

Benefil is a multifunctional product that can be cut to size and worked with under any weather condition. Benefil does not require specific heavy machinery for installation, which reduces project costs significantly.



BENEFIL NORTH AMERICA



Strong and Durable

While light and easy to handle, Benefil is extremely strong and durable, and is impervious to all weather conditions, making it perfect for extended use over long periods. Available in a range of compressive resistances, with exceptional strength and flexibility, Benefil offers innovative solutions to a wide range of problems, including slope stabilisation, noise and vibration dampening, to name a few.



Weather-resistant with low water absorption

Given Benefil is a semi-closed cell structure and isn't affected by water and moisture, Benefil consistently retains its strength and structural integrity over the entire life of its use in your project. Additionally, adverse weather conditions typically do not affect placement rates of Benefil, which keeps construction schedules on track.



Reduced construction time and costs

Most importantly Benefil is a super lightweight engineered void filler produced on site from self-contained vehicles carrying sufficient material to produce in excess of 100 cubic yards per hour. Due its unique composition, Benefil is quick and easy to install. The lightweight nature of Benefil means there is no heavy lifting or heavy machinery required.



Long-term retained R-values

Benefil offers long-term retained superior R-values for your project, which helps increase the Energy Efficiency Rating (EER) of your project. And while the insulative properties offered by Benefil is not usually one of the principal reasons for its selection in civil applications, in situations such as green roofs and in specific road construction applications where permafrost can be an issue, its insulative capacity becomes a very important consideration for material selection.



Lightweight and easy to handle

Benefil is easy to move around a building site, often without the need for special equipment. It can be trimmed on site using a hot wire cutter, saw or chainsaw. Benefil is not only easy to handle, but also much more cost-effective to transport, as it is approximately 1% the weight of soil and less than 10% the weight of other lightweight fill alternatives.



Recyclable and sustainable

Benefil is 100% recyclable and sustainably manufactured, offering a truly environmentally friendly alternative to traditional void filler materials. Offcuts can be picked up from building sites and taken to the Benefil recycling plant, where they are processed and put back into sustainable building products.