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## **CALSTAR PRODUCTS INTRODUCES PERMEABLE PAVER FOR STORMWATER MANAGEMENT**

*Sustainably Manufactured Pavers Suitable for Vehicular Applications, Contribute to LEED Credits*



(NEWARK, Calif.) – CalStar Products has introduced permeable pavers that help manage stormwater runoff and are also suitable for vehicular applications. The latest in the company’s line of sustainably manufactured masonry, the new pavers contribute to multiple LEED credits including stormwater design quality management and quantity control.

CalStar Products uses proprietary technology to produce bricks and pavers that offer unique environmental benefits. CalStar’s process incorporates 40% post-industrial recycled material as the binder, and avoids the energy-intensive kiln firing required for clay pavers and the use of Portland cement contained in concrete pavers. CalStar’s unique manufacturing process uses 50-85% less energy and generates 85% less CO<sub>2</sub> compared to traditional processes. CalStar’s products offer all of the traditional beauty, quality and performance of clay and concrete pavers.

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**Corporate Headquarters**  
6851 Mowry Avenue  
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Phone: 510-793-9500

**Wisconsin Plant**  
2825 Four Mile Road  
Racine, WI 53404



The ASTM-compliant permeable pavers are nominally 5” x 10” x 80mm and are designed to be installed as part of a permeable system incorporating a permeable sub-base. The pavers feature large lugs, which provide 5.9% open area to accommodate stormwater runoff and help prevent flooding. With the 80mm depth, the CalStar permeable pavers are ideal for vehicular traffic, making them a sustainable choice for applications such as parking lots, alleys, crosswalks and plazas.

CalStar permeable pavers are available in eight solid and three range colors, and can be packaged for mechanical installation. Additionally, they are ADA compliant for slip resistance and maximum allowable space between units.

According to Craig Ratchford, vice president of sales and marketing for CalStar, stormwater management is becoming an important consideration in designing streetscapes. “By reducing stormwater runoff, these permeable pavers will allow communities to effectively promote groundwater recharge,” states Ratchford. “In fact, many municipalities are now mandating stormwater runoff control as a tool for low-impact development (LID), and our permeable pavers are ideal for this.” The LID design approach to stormwater runoff emphasizes conservation and use of on-site natural features to protect water quality.

CalStar permeable pavers contribute to eight LEED credits including:

- Materials and Resources Credit 4, Recycled Content (2 points available)
- Materials and Resources Credit 5, Regional Materials (2 points available)
- Sustainable Sites Credit 6.1, Stormwater Design—Quantity Control
- Sustainable Sites Credit 6.2, Stormwater Design—Quality Control

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- Innovation in Design, Credit 1, Exemplary Performance (1 point available for each: Recycled Content, Regional Materials)

CalStar's competitively priced masonry products are available across North America at independent distributors. For more information, contact the company at 877.700.9501 or visit the website at [www.calstarproducts.com](http://www.calstarproducts.com).

**ABOUT CALSTAR PRODUCTS, INC.**

CalStar Products, Inc. develops and manufactures sustainable building products that allow customers to dramatically reduce the energy and carbon footprint of their projects and incorporate significant recycled materials, without compromising building performance or budgets. Headquartered in Silicon Valley with a manufacturing plant in Wisconsin, CalStar's mission encompasses national priorities of supporting energy independence, mitigating climate change, preserving natural resources, recycling industrial by-products, and creating green jobs.

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