



PERMEABLE PRODUCTS

BY ASIAN CONCRETO

NEWSLETTER (31st Edition)

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COMPANY INTRODUCTION

Setting new standards with the introduction of NEPAL STANDARD (NS) for Pavers and Kerbstones by Nepal Bureau of Standards and Metrology; Asian Concreto is Nepal's first company to manufacture Nepal's standard certified pavers and kerbstones and also is Nepal's largest company in the concrete landscaping industry. Located strategically in the western part of Nepal in Nawalparasi, Asian Concreto produces an extensive range of superior grades concrete landscaping products such as concrete pavers, tiles, bricks, hollow blocks, and kerbstones. With the products being available in a large variety of colors, patterns, and designs to cater to a vast range of clients, the products are suitable for all kinds of architectural, residential, commercial, industrial & institutional projects. Asian Concreto's state-of-the-art German plant makes the entire process of production and quality control completely automated ensuring that the products are produced in high strength, quality, accuracy, and design. Incorporating the latest technology and business practices, Asian Concreto goes above and beyond the current market trend and competition by ensuring stylish, modern, and durable outdoor paving solutions. Asian Concreto is committed to providing quality products, prompt delivery, and active involvement in the projects till their entire completion. All of our concrete paving products are crafted to the highest quality to ensure years of enjoyment. This gives you the peace of mind to know that your Asian Concreto product will last for years to come.

PRODUCT SPOTLIGHT

INTRODUCING PERMEABLE TILES

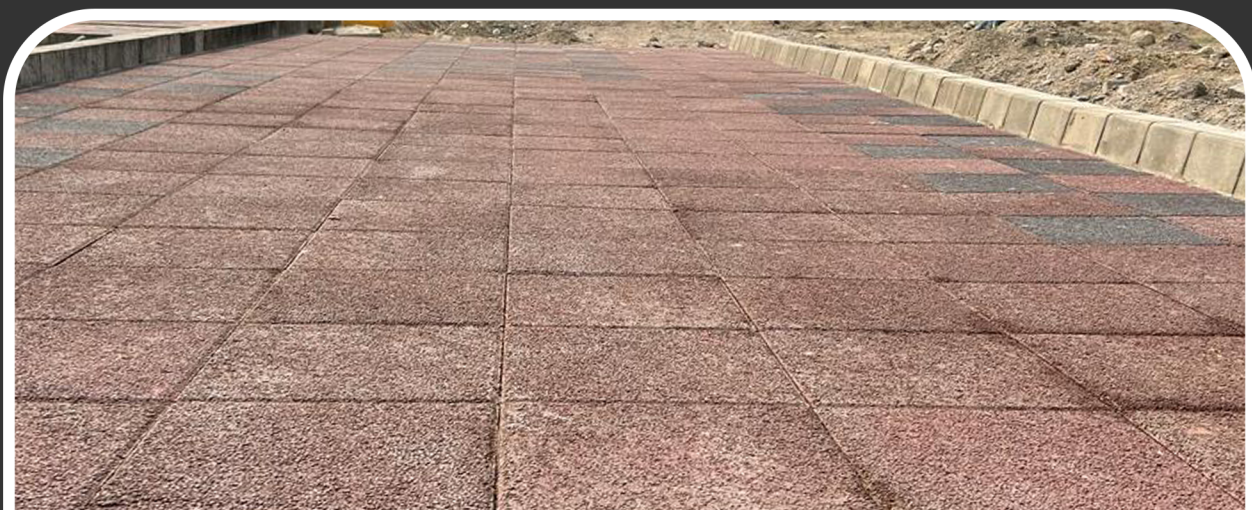
ASIAN PERMEABLE TILES : Asian Concreto's Permeable Tiles offer a groundbreaking solution for paving driveways, patios, and walkways. Not only are they aesthetically pleasing, but they are also environmentally friendly. These tiles feature a unique design that facilitates natural rainwater drainage, minimizing runoff and recharging groundwater. You can select from a range of stylish options, including grass pavers that blend greenery with a sturdy surface. These tiles are resilient, simple to install, and available in various colors to complement your design preferences.

SPECIAL FEATURES :

High Porosity: Our permeable pavers boast a high percentage of void space, allowing for exceptional water infiltration rates.

Filtration Capacity: The aggregate layers can help filter out pollutants like oil, dirt, and debris from stormwater runoff before it reach waterways.

Permeable Design: Allows rainwater to infiltrate the ground, reducing runoff and replenishing groundwater.



PRODUCT SPOTLIGHT

INTRODUCING PERMEABLE PAVERS

ASIAN PERMEABLE PAVERS : Asian Concrete provides environmentally friendly permeable pavers that facilitate natural rainwater drainage, minimizing runoff and enhancing water quality. These pavers are both durable and visually appealing, making them ideal for driveways, patios, and walkways. With a diverse range of options available, Asian Concrete offers the perfect solution to complement your design preferences while promoting sustainability. Opt for Asian Concrete for an attractive and eco-conscious paving solution.

SPECIAL FEATURES :

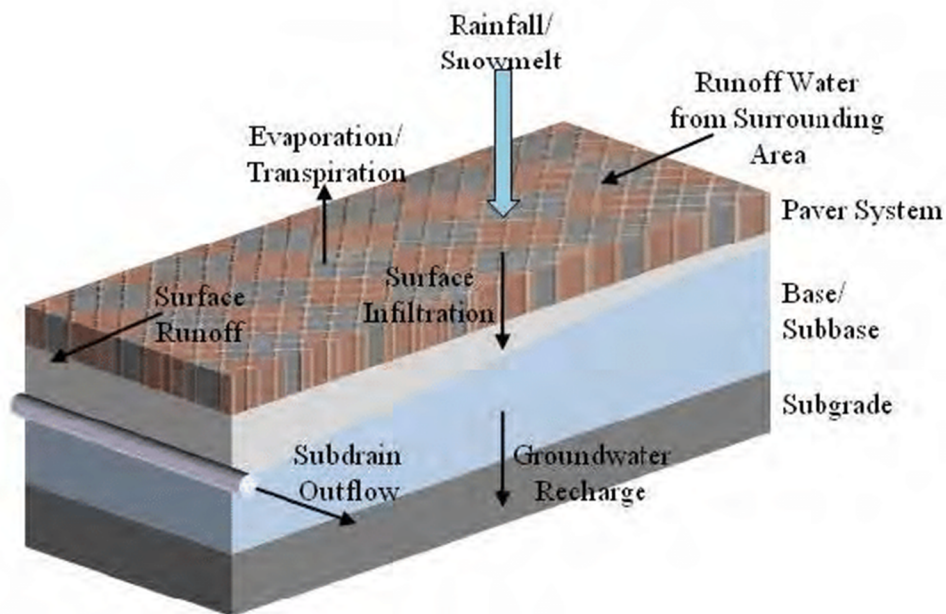
Permeable Design: Allows rainwater to infiltrate the ground, reducing runoff and replenishing groundwater.

Our permeable pavers boast a high percentage of void space, allowing for exceptional water infiltration rates.

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UNIQUE FEATURES OF PERMEABLE PRODUCTS



UNDERSTANDING PERMEABLE PRODUCTS:

Understanding permeable products is crucial for sustainable urban and landscape design, as they play a vital role in managing water resources and reducing environmental impact. Choosing permeable options can contribute to creating more resilient and eco-friendly built environments. Permeable products refer to materials that allow water to pass through them, rather than creating a barrier that causes runoff. These products are designed to manage stormwater effectively and reduce the strain on traditional drainage systems. By promoting the natural infiltration of rainwater into the ground, permeable products help replenish groundwater and improve water quality.

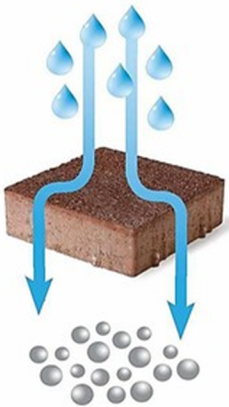
ROLE IN GROUND RECHARGE

Permeable products, such as permeable pavers and porous pavements, significantly contribute to groundwater recharge by allowing rainwater to infiltrate into the underlying soil rather than running off surfaces. This infiltration replenishes groundwater levels directly, adding moisture to subsurface layers and supporting sustainable water resources. Additionally, as rainwater passes through permeable surfaces, natural filtration occurs, reducing pollutants and improving water quality before it percolates into the ground. By reducing surface runoff, permeable products mitigate erosion and flooding risks while directing water back into the groundwater system. This process helps maintain healthy soil moisture levels, supporting vegetation and ecosystems dependent on groundwater.

PERMEABLE PRODUCTS IN ACTION

PERMEABLE TILES

Allows rain water to infiltrate the ground reducing run off and replenishing ground water.



Porous Design: The unique design of Asian Permeable Pavers promotes water infiltration. Rainwater is not just collected it is channeled through the permeable surface, allowing it to seep naturally into the ground.

Reduced Runoff: Unlike traditional impermeable surfaces like asphalt or concrete, these pavers minimize surface runoff. By doing so, they contribute to preventing water wastage and mitigating issues such as flooding and erosion.

Enhanced Filtration: The porous nature of Asian Permeable Pavers acts as a natural filter, removing impurities from rainwater as it passes through. This helps maintain the quality of groundwater, ensuring a sustainable and clean water source.

ASIAN CONCRETO

BEAUTIFY YOUR WAY



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