

# SUSTAINABILITY

## AceBound Resin Bound Surfacing

Sustainability in construction is vital. It addresses environmental concerns, promotes resource efficiency, reduces long-term costs, meets regulatory requirements, and responds to changing market demands. It also contributes to a healthier, more resilient, and socially responsible built and green environments, which benefits both current and future generations.

### BENEFITS

- **Groundwater Recharge:** Water that permeates through the surface helps recharge ground water levels. This is vital for maintaining local water resources, especially in regions experiencing water scarcity.
- **Less Urban Heat:** Permeable surfaces help cool the urban environment by allowing water to evaporate from the ground. This reduces the urban heat island effect, where built-up areas retain heat.
- **Longevity:** By reducing water-related damage and erosion, permeable surfaces can extend the lifespan of the pavement or underlying structures.
- **Erosion Prevention:** Permeability reduces surface water flow, which minimizes soil erosion. This is crucial for preserving the integrity of landscapes, particularly in sloped areas.
- **Reduced Pollution:** Permeable surfaces filter pollutants from rainwater as it seeps into the ground, helping to improve water quality in nearby water bodies.
- **Sustainable Landscaping:** Permeable surfaces can be combined with green infrastructure like rain gardens or porous planting beds, creating an environmentally friendly and visually appealing space.
- **Compliance with Regulations:** In some regions, permeable surfaces are required by local regulations to mitigate environmental impact and water runoff. AceBound UVR is both SuDS compliant and DDA compliant.
- **Sustainable Development:** The use of permeable surfaces aligns with sustainable development principles, promoting responsible land use and reducing the strain on infrastructure.
- **Plant based:** Over 50% of AceBound UVR resin is plant based from sustainable sources.
- **Aggregates:** Naturally occurring from geology and sourced from as close to home as possible.



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Version: 1.0  
Date 01.11.2023  
Review Date: 01.11.2024

 **ACE RESIN**  
When it comes to resin, we're all in