

Ace Base

Structural permeable base for resin Bound surfacing systems

Ace Resin introduces **Ace Base**, the ultimate environmentally friendly and flood-resistant base for resin-bound surfacing. Designed specifically for compatibility with resin-bound applications, Ace Base offers an innovative, **No-Dig** solution that sets a new standard for permeability, durability, sustainability, and efficiency.



What is Ace Base?

Ace Base is a high-strength, fully permeable base layer engineered to perform under both pedestrian and vehicular loads. Enhanced with **Ace ResiMesh**, a structural reinforcement mesh with an impressive **100kN tensile strength**, Ace Base ensures exceptional stability and longevity for resin-bound surfaces.

When installed within the recommended inter-coat period, Ace Base forms a seamless, integrated structure that resists movement and cracking. This ground-breaking system delivers unmatched flexural strength, making it resilient to heavy traffic and dynamic environmental conditions and ground movement.

Key Benefits of Ace Base:

- **Permeability:** Ace Base allows natural water flow through the surface, making it fully compliant with CWA Clean water Act to manage storm-water runoff efficiently and reduce flood risks.
- **No Dig Installation:** By avoiding the need for extensive excavation, Ace Base minimizes waste and earth disturbance, delivering a quicker, cleaner installation with less disruption to surrounding areas.
- **One-Day Application:** With Ace ResiMesh reinforcement and Ace Base's advanced binder system, both the base and resin-bound surface can be installed in a single day, offering unparalleled convenience, reducing project timelines significantly.
- **Long-Term Flexural Resistance:** The high flexural strength provided by Ace ResiMesh 100 kN support structure and the resilient binder ensures a durable and flexible surface that withstands both pedestrian and vehicular stress.

Ace Base's engineered polyurethane system includes a **high-strength aggregate** blend, multi-sized binding quartz, and a durable urethane binder for maximum resilience. Together, these components form a superior base layer that enhances the structural integrity of the entire resin-bound surface, delivering a quieter, smoother, and more durable paving solution.

Designed to outperform conventional materials, **Ace Base** is your gateway to a greener, stronger, and more reliable resin-bound surface.

Ace Resin redefines what's possible in permeable, eco-friendly paving solutions.