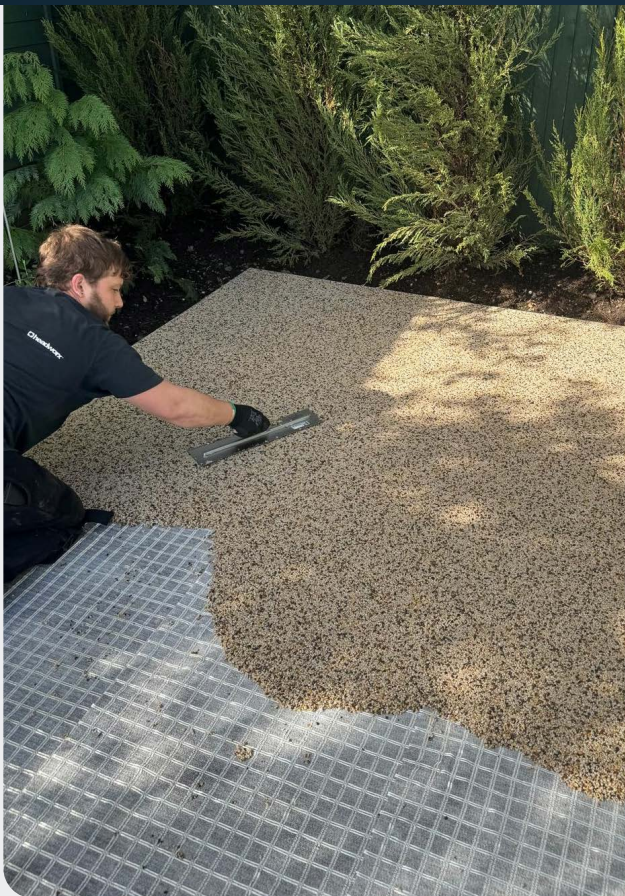


Ace ResiMesh / : ci bXU]cb ; f]X

Reinforcement and Stabil]gU]cb`cZ Resin Bound Systems

The Ace ResiMesh system offers a revolutionary, faster, and more cost effective solution for resin bound surfacing installations. This system is designed to streamline installation, eliminating the need for U'ghfi V] fU` VUgY, thereby accelerating project completion and reducing labour costs.

Ace ResiMesh is a specially engineered Z]VYf[`Ugg reinforced V]a dcg]H that serves multiple functions, such as an isolation layer for overlay installations or as a replacement for traditional structural sub-bases negating the requirement for tarmac or concrete. It is particularly effective in mitigating the risk of cracking.

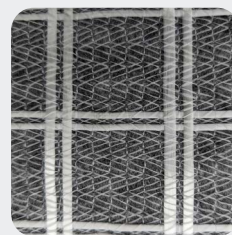


Features and Benefits:

- **Crack Mitigation:** Ideal for overlaying cracked concrete or tarmac, significantly reducing the risk of reflecticb cracking.
- **Ease of Installation:** The supple fabric design stays flat with no ripples when rolled out, and is easy to cut and handle on-site.
- **SuDs Compliance:** Allows water to permeate through, ensuring Sustainable Urban Drainage Systems (SuDs) compliance.
- **SYM]cb Reduction:** Can be installed directly onto MOT Type 1 or 3, eliminating the need for UXX]h]cbU`ghfi V] fU` `UnYfg`gi V] `Ug` V]cbWYH`cf]Ufa U]k `Yb`i`gYX`Zcf`ZcchfUZZ]W
- **Thickness EZ]ciency:** No need to increase the depth of the resin bound surface during installation.
- **Ground Stability:** Suitable for installation onto unstable ground, reducing the risk of cracking k `Yb`]bV]fcdc]U]b[`ci`f`5W` : ci`bXU]cb`[`f]X"

Functional Benefits:

- **Reinforcement (R):** Enhances structural integrity
- **Stress Relief (STR):** Reduces stress within the pavement
- **GdYV]Z]V]h]cbfGt:** Prevents V]cb]Ua`]bU]cb`Z]ca`gc]



Composition:

- **Material:** Glass filament grid structure gh]WYX` cb]r`U`dc`m]fcdm]YbY` VUW_]b[

Contractor-Friendly Solution

Ace ResiMesh is designed to be user-friendly, enabling contractors to manage the entire resin bound installation process independently, reducing the reliance on specialised professionals for tarmac, concrete or other structural base installations.

Technical Data

Ace ResiMesh is manufactured in accordance with a Quality Management System which complies with the requirements of EN ISO 9001. Ace ResiMesh is VOC free.

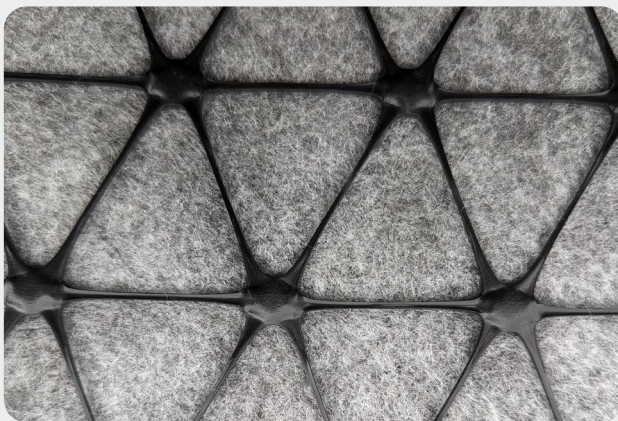
Summary: Ace ResiMesh provides a comprehensive, efficient solution for resin bound surfacing, optimizing installation speed and cost-effectiveness while ensuring superior performance and durability.

Characteristic	Unit	Value
Roll Width	m	1
Roll Length	m	100
Product Weight per roll	kg	40
Index Strength (I)	kN/m	100
Typical strain at failure (I)	%	3
Elastic modulus of glass filaments	Gpa	80
Polymer of Paving Fabric		PP

(I) Index property based on testing the individual glass filaments in accordance with ASTM D 3822. Index properties will differ from testing results on the final product (e.g. to ISO 10319).



Foundation Grid

When Ace Foundation Grid, and Ace ResiMesh are used together, they create a SuDS-compliant, robust, and durable build-up. This system is designed to ensure long-lasting performance, enabling installation on substandard soils that would otherwise be prone to movement and cracking.



Inclusion of Ace Foundation Grid provides ground stabilisation when installed beneath the granular sub-base. Its unique triangular design dissipates loads more effectively than traditional square-shaped grids. The Ace Foundation Grid incorporates a geotextile layer to prevent soil migration, allowing for installation on otherwise unsuitable sub-grade such as clay and silt.

Specifications

	New Construction - Full Dig Out 	Overlay Existing Bases 	Overlay Existing Bases 
Acebound Resin Bound Surfacing	@18mm	@18mm	@18mm
Ace ResiMesh			
Grano Dust (To level)	@10mm	N/A	N/A
MOT	Type 1 or Type3 @ 150mm	N/A	N/A
Existing Sub-base	N/A	Concrete, tarmac, block paving, etc.)	Concrete, tarmac, block paving, etc.)
Ace Foundation Grid	Optional if going onto sub-standard soil	N/A	N/A

Installation Guide

1. Ensure surface is dry, clean and clear of debris.
2. When installing on top of MOT Type 1 or 3, apply a layer of grano dust at 10mm to provide a level and flat surface.
3. Cut to size and shape (if curves are required).
4. Roll out the Ace ResiMesh, ensuring it's flat with no creases or kinks.
5. When rolling out adjacent fabric, overlap by 50mm at the edge.
6. Ensure Ace ResiMesh is kept dry as residual moisture could affect the resin.
7. Install AceBound resin surfacing in the normal manor.

On Site Technical Support

Ace Resin representatives are happy to offer on-site technical support and will offer general indication of the correct method of installing an Ace Resin Ltd product. It must be remembered that Ace Resin Ltd is a manufacturer and therefore it's the responsibility of the contractor and his employer to ensure he is aware of (and implements) the correct practices and procedures to ensure the correct installation of the product. Liability for its correct installation lies with the contractor and not with Ace Resin Ltd.

Storage Conditions

Ace ResiMesh should be stored in clean, dry environment, away from contaminants. When stored correctly we expect an unlimited shelf life.

Health & Safety

Refer to health and safety data sheet.