

FAQ: HD REBARFLEX



Q What is HD Rebarflex?

A HD Rebarflex is a professional-grade, alkali-resistant fibreglass mesh designed to reinforce concrete and screed. It is supplied in a lightweight 1m x 50m roll and sits within the concrete to help distribute stresses, control cracking and maintain the integrity of the slab.

Q What landscaping applications can Rebarflex be used for?

A Rebarflex can be incorporated into patio concrete bases, pathways, garden slabs, outdoor living areas, low and medium thickness screeds, resin driveway bases and other suitable hard landscaping applications.

Q Why would I reinforce a concrete patio base?

A Concrete can experience stress from curing, loading, temperature changes and movement in the ground below. Reinforcement helps distribute those stresses across the slab and control cracking. It should be treated as one part of the complete installation alongside suitable ground preparation, sub-base, compaction, drainage and concrete placement.

Q Does every patio need reinforcement?

A Not necessarily. The requirements depend on the site conditions, slab design, concrete specification, intended use and loads involved. Rebarflex provides an additional reinforcement option where the installer, designer or project specification identifies a benefit.

Q Will Rebarflex stop a patio from cracking completely?

A No reinforcement can guarantee that concrete will never crack. Rebarflex is designed to help control cracking and keep the reinforced slab working together if stresses develop. Independent testing recorded up to a 62% reduction in cracking in the tested system.

Q Can Rebarflex help where the ground moves?

A Rebarflex cannot stop soil from shrinking, swelling or moving. Its role is within the concrete, where it helps distribute stress and support the integrity of the slab. Ground conditions still need to be assessed and prepared correctly.

Q What concrete or screed thickness is it suitable for?

A HD Rebarflex is suitable for low and medium thickness concrete and screed applications from 10mm up to 100mm, subject to the requirements and design of the individual project.

Q How is Rebarflex installed in a concrete base?

A Cut the mesh to the required size, roll it out and position it within the concrete so the reinforcement runs across the slab. Where two sections of mesh meet, overlap them by a minimum of 100mm to maintain continuous reinforcement across the area. The mesh must sit within the concrete rather than simply being placed underneath it. Follow the current Rebarflex installation guidance and any project-specific requirements for positioning and joints.

Q Can Rebarflex be cut with normal tools?

A Yes. Rebarflex can be cut using standard scissors or a sharp blade. No power tools are required.

Q Can one person install it?

A Yes. Its lightweight roll format allows one person to transport, cut, roll out and position the mesh.

Q How much area does one roll cover?

A Each roll is 1m wide and 50m long, giving a nominal area of 50m².

Q Is Rebarflex suitable for vehicular or heavy-load applications?

A No. HD Rebarflex is designed as crack-control reinforcement for appropriate bases used in leisure and pedestrian areas, including porcelain and natural stone patios, walkways and similar landscaping projects. It is not a structural load-bearing reinforcement product and is not BS 7533 compliant.