

AQUAGARD EPOXY GP

DESCRIPTION OF PRODUCT

Aquagard Epoxy GP is a thixotropic general purpose solvent free epoxy adhesive used for structural bonding, concrete repairs and bedding applications.

GENERAL PRODUCT INFORMATION

Appearance and colour: Glossy grey
Curing: 7 days to full cure
Compressive strength: >65MPa
Tensile strength: >6MPa (Exceeds cohesive strength of concrete)
Hardness (Shore D): 84
Specific Gravity: 1,65
Gel time: 30-40 minutes
Packaging: 2kg kits
Storage: Shelf life is 12 months in sealed and unopened original packaging. Product should be stored out of direct sunlight, in dry conditions and off floor on a pallet. Most suitable temperature range is 22 degrees C.

AREAS OF USE

- Adhering ceramic plates to steel structures
- Multiple bonding applications: concrete to concrete, steel to steel, concrete to steel. Also adheres to wood, fibreglass and tiles.
- Repair of defects to concrete such as chips, cracks and honeycombing.
- General purpose adhesive and filler.
- Multi-purpose chemical anchor.
- Repair of cracks and imperfections to concrete floors prior to coating.
- Bonding of hypalon bandage to expansion joints.

PRODUCT FEATURES

- Non shrinking and slumping.
- Fast strength gain.
- Impact resistant.
- Stronger than concrete.
- Easy to use 2:1 mixing ratio.
- Excellent adhesion to a wide variety of substrates.
- Good chemical resistance.

SURFACE PREPARATION

- Ensure removal of rust, grease, oil, dust and any loose or friable materials to ensure sound and dry surfaces.
- Concrete should have cured for 28 days.
- Mechanically abrade concrete or metal surfaces to roughen and form a key to ensure maximum adhesion of the epoxy adhesive.

MIXING AND APPLICATION

- The product consists of two parts. Part A is the resin and Part B is the activator.
- Mixing ratio is 2:1.
- Part A which is two parts is mixed with Part B which is one part. A trowel or putty knife is used to mix the two components together for 3-5 minutes until an even colour texture is obtained.
- The ready mixture to be pressed firmly into cracks or onto surfaces using a trowel or putty knife to ensure maximum adhesion.
- Product can be finished off with careful smoothing using trowel.

LIMITATIONS

- Do not apply to wet surfaces
- Do not apply in temperatures below 5 degrees C

DISCLAIMER

Whilst Aquagard makes every effort to ensure that all information given is accurate, the use and application of our products is outside our direct or continuous control, therefore Aquagard cannot accept any direct or indirect liability arising from the use of our products. Aquagard is able to supplier a manufacturers guarantee on request. Please contact the Aquagard consultant for further information.

HEALTH AND SAFETY

Please read the product label, technical data sheet and material safety data sheet before use. Do not ingest internally. Avoid contact with eyes. If solution does come into contact with eyes, flush immediately with water and refer to Doctor for medical attention. Avoid prolonged contact with skin or breathing in of mist or fumes. Wear a suitable face mask. Keep out of reach of children. Take due care and precaution when applying the product especially if working at heights.



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