



AQUACHEM WB (INJECTION) ADHESIVE

- PRODUCT CODE:** 3532 400cc
- DESCRIPTION:** **AQUACHEM WB (INJECTION) ADHESIVE** is a 2 pack water based epoxy emulsion system
- SPECIFIC USES:** **AQUACHEM WB (INJECTION) ADHESIVE** can be used for the fixing of ceramic and stone tiles or pavements to concrete or cementitious renders. It is suitable for swimming pool applications.
- PACKAGING:** **AQUACHEM WB (INJECTION) ADHESIVE** is supplied in two screw cap containers, one contains the base resin the other contains the curing agent. Included is a follower plate and empty cartridge assembly. Can be supplied in 10 litre industrial size packs (special order and mixing instructions).
- Mixing knife Ref:3642. 400cc Skeleton Gun Ref:3667. Available from Rotafix.*
- PREPARATION OF SUBSTRATE:** All surfaces should be clean and free from laitance or other deleterious substances.
- MIXING:** Add the total contents of the smaller container 'Base' to the contents of the larger container 'Hardener'. Mix thoroughly, ideally using mixing knife reference:3642. Place the follower-plate onto the surface of the mixed material ensuring it fits parallel in the tub with the outer and central lip pointing upwards. Cut the seal from the front end of the cartridge sleeve. Place the back end of the cartridge vertically and centrally over the hole in the follower-plate. Press the cartridge firmly and continuously down on the follower-plate until the follower-plate bottoms on the mixing tub base. Carefully remove and invert the now full cartridge. Screw on the front injection nozzle and insert the rear plunger.
- APPLICATION AND EQUIPMENT:** The adhesive can be applied to stone, brick, concrete, asphalt, ferrous surfaces and some non ferrous substrates. The normal thickness should not exceed 5mm. Do not mix, apply or use at temperature below +5°C or when the temperature is likely to fall below +5°C during the cure schedule.
- CURE SCHEDULE:** Cure times are dependent upon temperature and relative humidity. Initial cure 4 - 12 hours at +20°C and relative humidity of 40% or less. Full cure 7 days at 15 - 18°C.
- MATERIAL USAGE/ COVERAGE:** e.g. joints 5mm x 10mm require 50cc/linear meter
i.e. 1 litre produces 20 linear meters of 5mm x 10mm joint
- CURED PROPERTIES:**
- | | | |
|-----------------------|-----------------------------------|--------------------------|
| Compressive Strength: | 25N/mm ² | S.G. approximately: 1.35 |
| Flexural Strength: | 13N/mm ²) | |
| Tensile Strength: | 17N/mm ²) provisional | |
| Standard Colour: | Off White | |
- Chemical Resistance – un-effected by a wide range of industrial and domestic chemicals. For specific application, please consult our Technical Department.
- CLEANING OF TOOLS:** Uncured **ROTAFIX AQUACHEM WB INJECTION ADHESIVE** may be readily removed with warm water and soap. Mechanical methods are required to remove cured material.

The site conditions and equipment required when using individual Rotafix products are specific for each project. Only advice given by Rotafix in writing will be considered as part of our contractual liability.

Epoxy resins and their associated curing agents can cause irritation to some people. Please take the necessary precautions indicated in the COSHH details available from our offices. Please read our Users Safety Guide on the Handling of Resin and Polymer products.

The information in this document is based on practical tests, but given without guarantee inasmuch as methods of use by others is beyond our control. Due to continuing development and improvements, it may be necessary to change without notice the material specification. All goods are sold subject to our Standard Conditions of Sale.

AQUACHEM is a Registered Trade Mark of Rotafix (Northern) Ltd

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