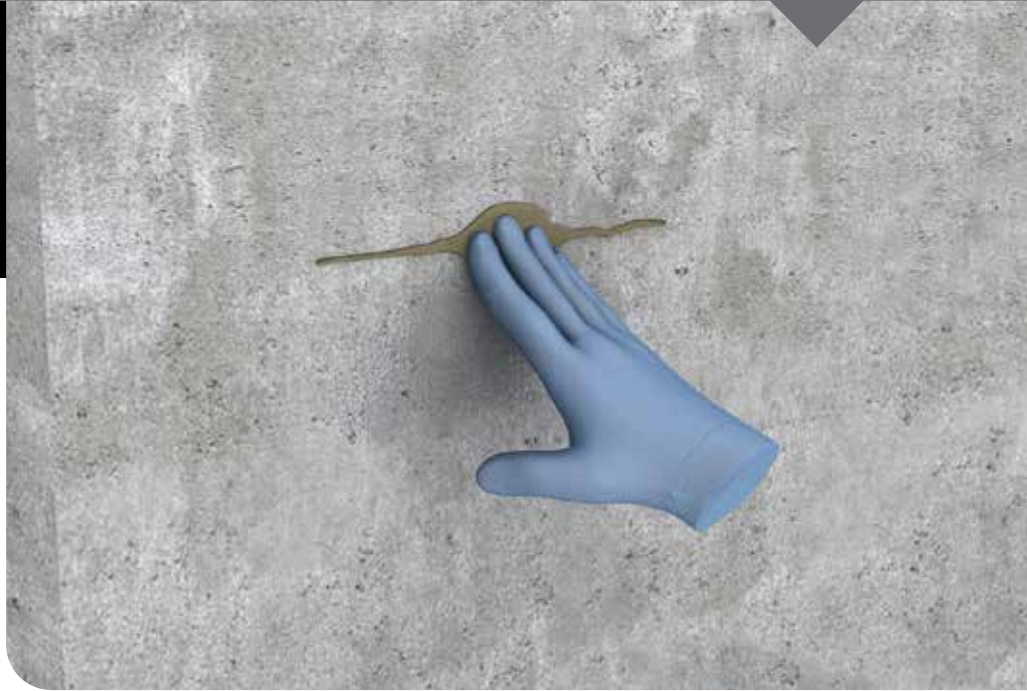


WATER STOP

Plugging & Repair Mortar

Water Stop is a fast setting, expanding water stop plugging and repair mortar.



WaterStop when mixed with clean water and applied correctly it is formulated for the rapid patching and plugging of active water leaks and seepage in concrete and masonry. Water Stop is designed to expand as it sets to ensure a permanent water tight seal is achieved and in a cured form displays similar properties to concrete.

ADVANTAGES

- Instantly stops leaks in concrete and masonry - tanking slurry waterproof system
- Provides a permanent watertight seal.
- Fast setting and rapid curing.
- Superior bond strength to concrete and masonry resists positive and negative water pressure.
- Suitable for internal and external use.
- Safe to use in contact with potable water suitable for use above and below ground.
- Resists positive and negative water pressure.

TYPICAL USES

Use to stop active water leaks or seepage under pressure through holes, joints and cracks in concrete or masonry walls, swimming pools, water storage facilities, tunnels, fountains, cisterns, water channels, ponds, pipes, basements, foundations and retaining walls.

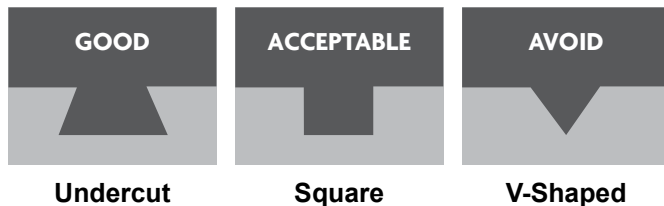
SUBSTRATE PREPARATION

Remove by suitable means, all loose pointing, any remaining render or plaster, wood, dust, grease, oil, organic growth or other foreign materials that may cause contamination or adversely affect adhesion properties.

Clean the hole, crack or joint thoroughly by wire brushing, chiseling or scraping loose materials until a clean, sound substrate remains.

Areas to be patched should be cut back and given a good mechanical key. Feather edges are not allowed.

To seal leaks and cracks, openings must be chased out to approximately 20 x 20 mm. The edges must be square or under cut, avoiding V-shaped cuts. All loose material generated while chasing out should be removed.



MIXING

Due to the fast setting nature of HydraDry WaterStop, it is very important to organise the work space before mixing commences. Ensure the person undertaking the repair is situated close to the repair area and required equipment to carry out the repair is easily accessible.

Recommended Water Additions

Size	Pilable Mortar
1Kg	200 - 220ml

When mixing HydraDry WaterStop, use ONLY CLEAN WATER and a clean mixing vessel. For the best results the temperature of the mixing water should be between 15°C and 25°C. The warmer the water is the faster the mortar will begin to set.

Note: Mix only enough material for immediate use. WaterStop sets in 60 - 90 seconds and cannot be reworked once it has set.

Wearing chemical resistant gloves, mixing is ideally done by hand.

1. Measure out required water and powder into SEPERATE containers.

2. Add the powder to the water and mix quickly and thoroughly.
3. Roll the mixture between your hands until a pliable, putty like consistency is developed.
4. Once the materials start to warm-up, immediately apply the product to the prepared area.
5. Hold in place until water leakage/ seepage stops and the product has cured (approximately 30 seconds).

APPLICATION

No priming is required but for dry repair applications, make sure the surface is Surface Saturated Dry (SSD).

To stop surface leaks or seepage not under pressure:

1. Starting at the top of the hole or crack, work your way down. Trowel apply or hand kneed the mixed mortar firmly into place, ensuring maximum contact with the substrate before the material sets.
2. Remove any excess material to form a uniform surface.

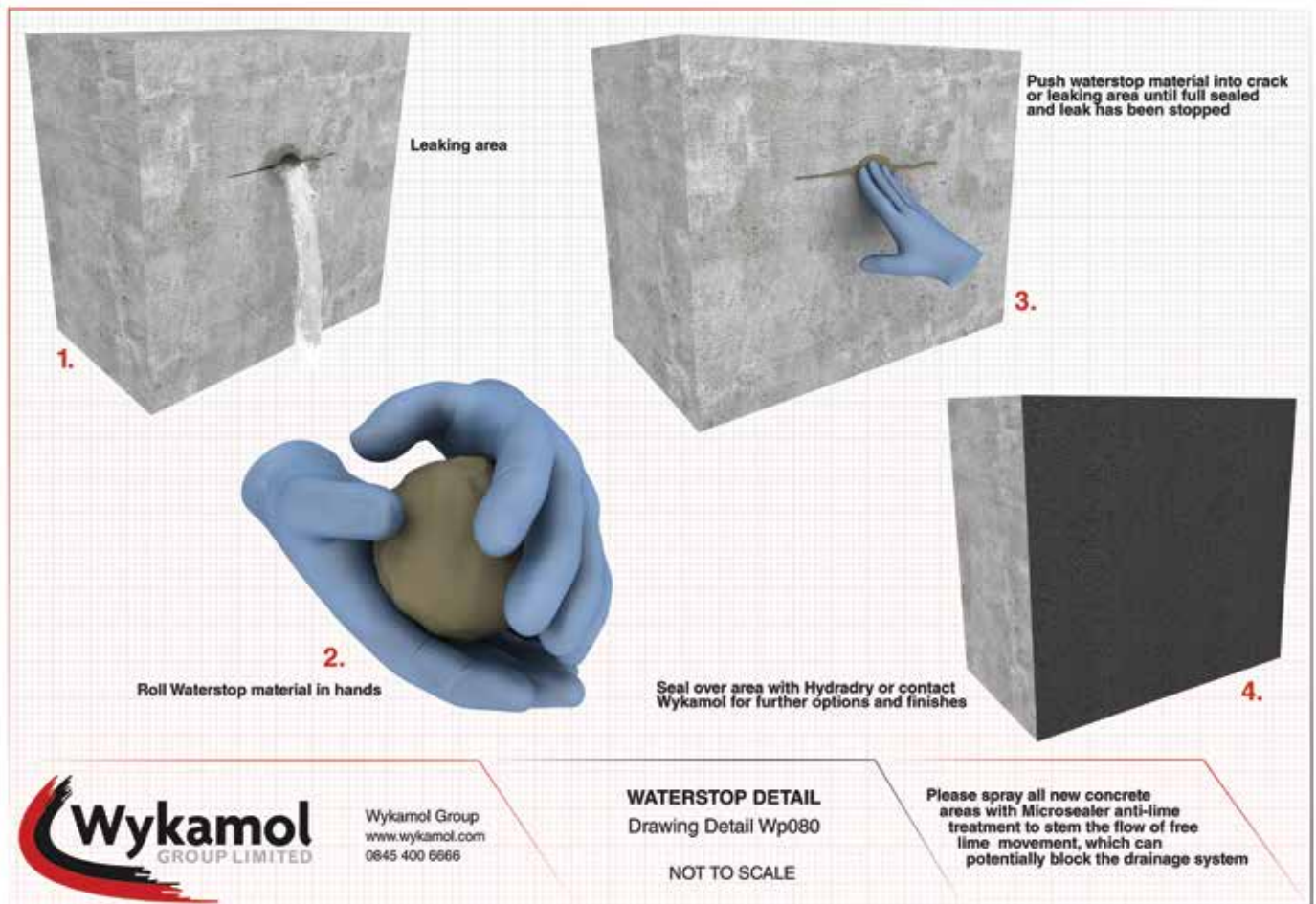
To stop leaks under pressure or under water:

1. Starting at the top of the hole or crack, work your way down. Trowel apply or hand kneed the mixed mortar firmly into place, ensuring maximum contact with the substrate before the material sets.
2. Maintain constant pressure on the applied material until final set has been acheived.
3. Remove any excess material to form a uniform surface.

CONDITIONS & LIMITATIONS

- Low temperature working: Water Stop can be used in cold conditions down to 1°C.
- It is advised to use warm water, 20°C to accelerate strength development.
- The material should not be applied when substrate and /or ambient air temperature is less than 1°C.
- Set and cure times will be increased at low temperatures.
- Hot temperature working: When using Water Stop in temperatures above 35 °C, the material should be stored in the shade and it is advised to use cooler water, 20°C.
- Set and cure times will be reduced in hot temperatures.

WATERSTOP PLUGGING COMPOUND



CURING

Final setting time is less than 2 minutes. Once the product has stiffened sufficiently, dampen with clean water and maintain a damp condition for approximately 15 minutes.

PACK SIZE AND COVERAGE

Pack Size	Coverage
5kg bucket containing 2 x 2.5kg bags	Coverage is wide ranging dependent on application type

STORAGE & SHELF LIFE

Store in an upright position, under cover and away from high temperatures and open flames. Shelf life is 6 months from date of manufacture, when unopened, undamaged and stored correctly.

HEALTH AND SAFETY

For further information and advice, please contact the Wykamol Technical Department and consult the safety data sheet, which is available upon request or can be downloaded from our website.



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