



# PRODUCT DATA SHEET

## Quickset Watercrete™



Quickset Watercrete™ is a multi-purpose patching cement and bonding compound that sets in as little as five minutes, even when applied underwater. It is a fast-setting, high-strength repair mortar that bonds securely to concrete, masonry, stone, timber, steel and fibreglass.

Watercrete provides a simple and durable solution to difficult repair problems in both wet and dry conditions. It allows tanks, pools and channels to be repaired without the need to drain water first.

### APPLICATIONS

Quickset Watercrete™ is designed for both emergency and long-term repairs where speed and water exposure are critical:

- Repair and seal swimming pools, water tanks, fish ponds and water channels without draining
- Refix pool tiles underwater in minutes
- Patch driveways, footpaths and slabs (trafficable in 30 minutes)
- Seal leaks in concrete and masonry, even when water is flowing
- Emergency repairs to boat hulls in steel, timber or fibreglass
- Grouting bolts and fixings into rock, brick, stone or concrete
- Setting posts or stanchions so they are load bearing within hours
- Restoring crumbling ledges, steps or brickwork

### KEY FEATURES AND BENEFITS

- Sets in 5 minutes (initial set in 4 to 6 minutes)
- Suitable for underwater use, cures even against flowing water
- High compressive strength, more than 2,000 psi (13.8 MPa) in 24 hours
- Maximum strength reached after 28 days
- Non-toxic and safe for drinking water applications
- Chloride-free formulation for use with reinforced concrete
- Fast turnaround, driveways and paths can be used after 30 minutes
- Bonds to a wide range of substrates
- Easy to mix and apply, just add water

### TECHNICAL SPECIFICATIONS

- Initial set: 5 minutes
- Curing set: 15 to 30 minutes
- Compressive strength: 2,000 psi (13.8 MPa) after 24 hours
- Ultimate strength at 28 days
- Volume change: expansion after 24 hours 0.1 percent, contraction after 28 days 0.01 percent
- Water absorption: 1.7 percent after 14 days
- Non-toxic, suitable for drinking water contact
- Manufactured under BS 5750 Part II
- Approved by the Water Research Council to BS 6920

## MIXING AND APPLICATION

- 1). **Surface preparation:** Remove all loose material. For dry repairs, dampen the surface before use.
- 2). **Mixing:** Combine 1 part clean water with 4 parts Watercrete. Mix for 1 to 2 minutes until the material has a putty-like consistency. The mix should form a ball in your hand. If it is too wet to roll, discard and remix.
- 3). **Application:** Press firmly into the prepared area. Shape by hand or with a trowel.
  - For leaks with flowing water, hold the mix in place until it sets.
  - For underwater work, taper the edges of the hole for a stronger seal.
- 4). **Curing:** The mix will harden within 4 to 6 minutes. For repairs thinner than 15 mm in dry conditions, keep the area damp for 24 hours.



## PACKAGING

- 750 g jars
- 4.5 kg tubs
- 20 kg buckets

## PROVEN USE CASES

- Alderney Breakwater in the Channel Islands has relied on Quickset Watercrete for over ten years of continual maintenance.
- Yachts and dive companies have used it for rapid underwater patching and re-floating.
- Swimming pool operators use it to repair tiles instantly without draining pools.
- Farmers and property owners have successfully used it to repair sheds, troughs and dams in wet conditions.



## SAFETY AND HANDLING

- Wear gloves and avoid direct skin contact.
- Wash hands after use.
- Store in a cool, dry place.
- Refer to the Safety Data Sheet (SDS) before use.

## Contact Us

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