



Quick Patch is manufactured and blended from high grade materials to provide a versatile concrete patching compound, with high bond strength and a smooth finish to suit most grades of concrete substrate. Quick Patch may be “feathered off” to zero to suit all repair applications, unlike sand-based patching materials.

Quick Patch is designed for patching and repair of precast, tilt-up, and “in situ” concrete construction, and is well suited to fill voids and depressions left from lifting anchors and joining plates.

Benefits

- Saves time and labour – one application completes the repair
- No primers required for bonding
- Feathers off to zero to match precast surface with one pass of steel trowel
- Lightweight and no shrinkage
- High bond strength/adhesion
- Sets to a maximum strength of 20MPa after 20 days
- Fire resistant for most applications

Coverage

20lt of material produced from one bag.

Packaging

18 litre paper bag

Order Code

QUICKPATCH

Working Time

Approximately 40 minutes. Do not add water to extend working time of mixed product. This will reduce the strength and adhesion of the final product, and may lead to shrinkage. Only mix the quantity that can be applied in a 40 minute period.

Substrate Preparation

Substrates to be patched must be clear of all loose fragments and debris. Remove all dust, paint, oil, chemicals, bond breaker, and curing compounds to produce a clean dry concrete surface to ensure maximum adhesion. Where application is to occur in conditions of extreme heat (>37°C) or high humidity, the substrate surface may be lightly moistened with water by the use of a fine trigger spray.

Before Mixing

Prior to mixing Quick Patch with water, ensure all mechanical lifting or work platforms are in place. This will allow the full working time of Quick Patch to be utilized in concrete repairs.

Note: When all preparation is complete, it should take approximately 20 minutes to patch 10 joining plates.

Safety Precautions

1. Avoid prolonged exposure of Quick Patch to skin, eyes, and the respiratory system by wearing appropriate personal protective equipment (PPE) as detailed in the MSDS.
2. Do not inhale Quick Patch Dust.
3. Each bag of Quick Patch weighs approximately 10kg. Personnel handling and lifting bags should be trained in correct handling procedures for heavy items to avoid personal injury.

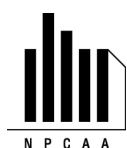
Mixing Procedures

Quick Patch and water must be accurately measured to achieve satisfactory results. One bag of Quick Patch contains approximately 18 litres of dry material when packed. Each bag will yield approximately 20 litres of Quick Patch when mixed to the correct ratio.

QUICK PATCH – SIMPLE MIXING RATIOS (4:1)

Volume Required (approx)		Quick Patch (4 parts)		Clean Water (1 part)
2 litres	=	2 litres	+	500ml
4 litres	=	4 litres	+	1 litre
9 litres	=	8 litres	+	2 litres

Add 1 equal part (by volume) of water to 4 equal parts (by volume) of Quick Patch dry powder (see above). Add 95% of the water to the bucket first, then slowly add dry Quick Patch powder while mechanically mixing to avoid lumps in the final product. Mix for a minimum of 4 minutes to ensure Quick Patch hydrates/wets thoroughly. Allow to stand for 2 minutes, then add the balance of water and mix again for 1 minute. Correctly mixed material should form a homogeneous “zero-slump” mixture similar to pizza dough, with a stiff but pliable consistency.



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Application Method

Mixed Quick Patch can be applied using a steel trowel to force the material into joining plate recesses, lifting anchor voids, or damaged areas. Simply push Quick Patch firmly into the repair area, overfilling the application. Cut off excess material with a steel trowel to match the level of the substrate. Do not work the surface finish for longer than 5 minutes. Allow 3 – 4 days drying for Quick Patch to match the concrete colour of most substrates. Lightly sand the patched area to achieve a lighter coloured finish.

When sanding or cutting finished Quick Patch repairs, wet the area with liberal amounts of water to minimize the risk of inhalation or exposure to hazardous dust.

Clean-Up

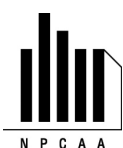
Clean all tools and equipment with water prior to Quick Patch setting. Once set, use Kem-Ex-It Plus to remove hardened Quick Patch.

Shelf Life

12 months from date of purchase

Handling/Storage

Store in a dry cool position, avoiding direct sunlight or exposure to moisture.



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