

## Lightweight, non structural, concrete patching mortar

### Uses

Specifically designed for the repair of pre-cast & tilt slab panels.

Polymer bonding agents should not be used. No steel primer should be applied. Please refer to Parchem for further advice.

### Advantages

- Lightweight formulation enabling extra high-build and thereby saving time and expense of multiple applications
- Reduces the need for formwork
- Excellent bond to the concrete substrates
- Shrinkage compensated
- Pre-bagged to overcome site-batched variations - only the site addition of clean water required
- Contains no chloride admixtures

### Description

Conlift Patch is a lightweight concrete repair mortar for the non structural repair of precast panels. Supplied as a ready to use blend of dry powders, requiring only the site addition of clean water to produce a lightweight repair mortar. It is based upon Portland Cement, lightweight fillers and chemical additives which provide excellent troweling properties

### Application instructions

#### Preparation

Clean the surface and remove any dust, unsound or contaminated material, plaster, oil, paint, grease, corrosion deposits or algae. Where breaking out is not required, roughen the surface and remove any laitance by light scabbling or grit-blasting.

#### Mixing

Care should be taken to ensure that Conlift Patch is thoroughly mixed. A forced-action mixer is essential. Mixing in a suitably sized drum using an approved spiral paddle in a slow speed (400/500 rpm) heavy-duty drill is acceptable for the occasional one-bag mix. Free-fall mixers must not be used. Mixing of part bags should never be attempted.

Mix 10 kg of powder with 3.4 kg of clean drinking water.

Note: in all cases Conlift Patch powder must be added to water.

### Application

The Conlift patch is designed for the repair of concrete panels only. The material can be applied up to 40mm thickness within a repair dimension of up to 500 x 500mm.

Conlift patch can also be used to fill up any blowholes and irregularities in the concrete panels and can be applied to a feather edge if required.

### Finishing

Conlift Patch is finished by striking off with a straight edge and closing with a steel float. Wooden or plastic floats, or damp sponges may be used to achieve the desired surface texture. The completed surface should not be overworked. Wetting the surface down before set has occurred can cause a white layer to form on the surface of the repair.

### Low temperature working

In cold conditions down to 5°C, the use of warm water (up to 30°C) is advisable to accelerate strength development. Normal precautions for winter working with cementitious materials should then be adopted. The material should not be applied when the substrate and/or air temperature is 5°C and falling. At 5°C static temperature or at 5°C and rising, the application may proceed.

### High temperature working

At ambient temperatures above 35°C, the material should be stored in the shade and cool water used for mixing.

### Curing

Conlift Patch does not require special curing agents to be applied.

### Cleaning

Conlift Patch should be removed from tools, equipment and mixers with clean water immediately after use. Cured material can only be removed mechanically.

### Limitations

Conlift Patch should not be used when the temperature is below 5°C and falling. Do not mix part bags. Due to the lightweight nature of Conlift Patch, the product should not be used in areas subjected to traffic. Neither should it be exposed to moving water during application. Exposure to heavy rainfall prior to the final set may result in surface scour. If any doubts arise concerning temperature or substrate conditions, consult your local Parchem sales office.

# Conlift Patch

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## Estimating

### Supply

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Conlift Patch: 10 kg bag

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### Product Code

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209010 Conlift Patch White 10KG

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209015 Conlift Patch Grey 10KG

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### Coverage and yield

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Conlift Patch: 15.8 L/10 kg bag mixed with 3.4 L of water

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### Shelf life

All products have a shelf life of 12 months if kept in a dry store in the original, unopened bags or packs.

### Storage conditions

Store in dry conditions in the original, unopened bags or packs. If stored at high temperatures and/or high humidity conditions the shelf life may be reduced to 4 to 6 months.

### Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

### Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.