

# Thor Flexi Grout (W60)

## Features

Thor W60 is a high performance, pre-batched cementitious grout.

- Rapid early strength gain – can develop 30% compressive strength in 24 hours.
- Thixotropic – will remain where its placed even in overhead applications.
- Does not bleed or settle.
- Excellent cohesive fluidity – easy application under low pressure.
- Non-shrink – shrinkage compensated to maintain maximum contact with substrate.

## Applications

- For bonding helical masonry reinforcement into wall slots for the retrofitting of masonry reinforcement.
- For bonding masonry pins into holes drilled into masonry substrates.
- For bonding and bedding masonry, bedding bearing plates, grouting and packing.
- Bedding brick slips.

## Surface preparation

Proposed substrates must be stable

Substrate must be cleaned free of oils, organic growth, dust and debris

Substrate must be thoroughly wetted, surface damp but free from surface water

Where pre-wetting with water is inappropriate, please contact our Technical Support Team for advice.

## Packaging and Storage

Each 5kg pack contains 2 packs cement grout (Part A) and two bottles of liquid polymer (Part B). These units can all be mixed to yield 3 litres of grout or as a half batch to yield 1.5 litres. No alternative batch sizes should be used.

## General Notes

This information is for general guidance only. If they do not apply to your specific project, please contact the Thor Helical Remedial Technical Support Team on 0845 400 6666. Thor Helical Remedial are able to offer a full project design service either in-house or through our National Network of Registered Installers. In most instances, this service is provided free of charge.

The grout should be stored in dry conditions, free from moisture within a temperature range of 5°C - 35°C.

## Mixing

Use bucket provided to mix the grout. Empty  $\frac{3}{4}$  of the Part B liquid into the empty bucket. Slowly add the Part A Powder mixing continuously with an electric spiral paddle type mixer. Add remaining Part B liquid as, or if required to obtain the required consistency depending on the application. Mix for a minimum of 5 minutes to produce a smooth cohesive grout.

No additional water or other additives should be added.

Once mixed the grout is ready to use and has a working time of approx. 40 minutes although this will be reduced in warm conditions.

As it is thixotropic, any grout left in the bucket will “gel” shortly after mixing. Re-mixing of the grout with the electric mixer will return the grout to its workable consistency.

After use and before grout sets, all equipment should be cleaned immediately in clean water.

## Grout Application

To minimise waste and ensure efficient installation, grout mixing and application should only commence when sufficient works have been prepared to allow the mixed grout to be used as soon as possible.

Applied grout should be protected from frost and not be applied when freezing temperatures are expected.

In warm conditions or on porous substrates, ensure grout doesn't dry out prematurely (protective sheeting or water spraying).

Where necessary, subsequent finishes e.g. matching repointing mortars can be applied as soon as the grout is stiff enough to support the applied material.

## Health and Safety

Refer to product Health and Safety Data Sheet before use.

