

## Cemintel Texture Coating System for Hebel blocks and Powerpanel™

The Cemintel™ External Texture Coating System is a two part acrylic jointing and coating system, suitable for CSR Hebel blocks and panels. The system is made up of Skim Coat to provide a uniform sealed surface, and Texture Coat to deliver the 'render look'.

An exterior grade paint or membrane should be applied to complete the system.



### PLANNING

Cemintel™ texture coating compounds must not be applied below 10°C or at elevated temperatures above 30°C and in hot windy conditions. Application on large areas in full sun should be avoided by working only in shaded areas.

The applied compounds should also be protected from rain and frost for the first 24 hours. If wet weather conditions are forecast, application should be stopped in time to allow coatings to dry. Protect the finish work around down pipes, spouts or where water may splash the surface.



We recommend that an on-site sample be completed to visually confirm the level of finish that is acceptable, including:

- Permissible substrate variation
- Patching
- Correct colour and texture profile
- Panel and block joint concealment

Start and stop points must be pre-planned prior to commencement, providing uninterrupted working areas.

Hebel blocks and panels must be dry before applying coating.

Note the location of control joints and check that they have been installed as per the project specification. Control joints must be complete with backing rod and sealant before coating starts.

### SURFACE PREPARATION

Mask windows, doors, flooring and adjacent property to reduce clean up time. Any exposed steel reinforcing must be cleaned of rust and then primed with Hebel anti-corrosion agent.

Fill any chipped and damaged blocks and panels with Hebel patch and allow it to dry. Minor damage, panel joints and countersunk fixings, of less than 5mm depth, may be repaired with Skim Coat.

Hebel blocks and panels can be levelled using a levelling plane or sanding float to achieve a true flat surface. Badly laid blocks need special attention to achieve a good surface finish. Severe misalignment that cannot be repaired at this stage may require a more conventional cement based system such as Hebel High Build.

Remove Hebel adhesive runs and all free dust, dirt, grease, moss, mastic etc. that could affect the adhesion of the coating. Brush the surface with a stiff bristle broom to remove all loose particles. Surfaces must be clean, sound and free of powdery residue.

### CORNER BEADING

Beading can be used on corners and edges to increase impact/knock resistance and to provide a level edge. CSR recommends the use of PVC corners. Apply an even layer of Skim Coat to both sides of the corner using a 150mm broad knife. Push the corner angle firmly into position until compound extrudes from the holes. Smooth the excess compound over the corner angle and to 150mm each side of the corner. Allow the compound to fully dry before commencing.

For Hebel Powerpanel systems, fibreglass reinforcing mesh must be used on external corners that do not have a control joint. Use a 150mm wide strip of mesh to cover the joint that is close to or at the corner. The mesh should be embedded into a layer of Skim Coat.

### SKIM COAT

Cemintel™ Skim Coat is to be applied to the wall surface to act as a sealer. It will penetrate the wall surface to increase the coating strength, and reduce surface suction to provide a uniform base for the texture coat. Mix 10 parts Skim Coat to 1 part water and apply using a roller or brush directly to the Hebel surface. Allow to dry fully, at least 24 hours in warm dry conditions, longer in cold, wet conditions. The surface at this stage should be re-inspected, and any irregularities filled with undiluted Cemintel™ Skim Coat and allowed to dry.

### TEXTURE COAT

Cemintel™ Texture Coat is to be applied over the skim coat using a steel trowel. The texture coat contains graded sand particles that act as a guide to the required coating thickness. Apply a thin layer only, as excess material will cause the plastic float to stick, making it difficult to achieve a consistent finish. The coating should be applied from the top of the wall, working down in strips about one metre wide.

Once applied, the texture coat is to be trowelled with a plastic finishing float to provide a uniform texture. Ensure that all coated areas are floated before the texture coat begins to dry, as touching up dried coating is not recommended. For optimum results, one applicator applies the Texture Coat and a second applicator uses the finishing float.

Isolated areas should be completed in a single application to avoid joint marks. Large areas can be broken into smaller workable sections, especially during periods of high temperatures or in windy conditions.

Applications that have commenced in an isolated area should continue uninterrupted. Rapid, uniform and continuous application is essential to maintain a wet edge, especially in warm weather.

Cemintel™ Texture Coat should be touch dry in one hour at 25°C and 50% relative humidity. It should be fully dry and able to be painted after 72 hours, although lower temperature or higher humidity will increase the drying time.

The walls should be inspected at this stage for comparison with the approved sample. A second layer of Texture Coat might be required for adequate joint concealment.

**Note:** Liquid colour tint may be added to Cemintel™ texture coat to a maximum of 6% by volume. The use of an addition coat of an exterior grade paint is still required.

### PAINT FINISH

It is recommended that the Cemintel™ Texture Coating System be coated with an exterior grade, coloured paint. This will increase the life of the system and reduce long-term dirt entrapment.

It is recommended that dark colours be avoided on walls subject to long periods of sun exposure.



**For more information please contact**

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[www.cemintel.com.au](http://www.cemintel.com.au)