

HEBEL® AUTOCLAVED AERATED CONCRETE (AAC)



4 EASY
STEPS

**THE CEMINTEL™ TEXTURE COATING SYSTEM
IS COMPLETED IN 4 EASY STEPS:**

STEP 1

Preparation Joints

Jointing Compounds
and Tapes

STEP 2 ✓

Preparation Surface

Skim Coats

STEP 3

Texture Coat

Decorative and
protective finish

STEP 4

Top Coat

Final coating

ITEMS REQUIRED:

- (1) Skim Coat Medium or Skim Coat Coarse
- (2) Roller
- (2) Brush



Hebel® Autoclaved Aerated Concrete substrate

THE SUBSTRATE

CSR Hebel® blocks and PowerPanel™ are light weight blocks and steel reinforced panels manufactured from Autoclaved Aerated Concrete (AAC). AAC has a cellular structure of extremely small, well dispersed air pockets, formed from gas liberated during the manufacturing process.

SUBSTRATE CHECK

An on-site sample is recommended to confirm that the combination of preparation method and texture coating achieves an acceptable appearance. The test should consider:

- Substrate variations
- 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.

If sealants are installed before applying the coatings, a polyurethane sealant is recommended, as some silicone based products may affect coating adhesion.

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 an anti-corrosion agent.
- Minor damage, panel joints and countersunk fixings, of less than 5mm depth, may be repaired with Cemintel™ 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 cement based system .

- 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.

PREPARATION COAT

PRODUCT DESCRIPTION:

Cemintel™ Skim Coat Medium and Skim Coat Coarse are acrylic drying type compounds. Their main purpose is to provide an evenly sealed surface for the subsequent texture coat.

HOW TO APPLY:

- 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 Cemintel™ Skim Coat with water to a paint like consistency (e.g. 10-20% water by volume).
- Use 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.

SPECIAL SUBSTRATE NOTES

CORNER BEADING

Beading can be used on corners and edges to increase impact/knock resistance and to provide a level edge. CSR Hebel® recommends the use of PVC corners. Apply an even layer of Cemintel™ 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. 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.

TEXTURE COAT

Preparation coat must be created by a Cemintel™ Texture Coat (Such as Kalahari Fine or Medium). Refer to individual texture data sheet for installation instructions.

TOP COAT

CSR Hebel® blocks and PowerPanel™ should be coated with an exterior grade, coloured acrylic coating. CSR recommends Cemintel™ Top Coat. This will increase the life of the system; reduce long-term dirt entrapment and increase mould and algae resistance. Contact the manufacturer for recommendations.

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

SAFETY

Copies of Material Safety Data Sheets can be obtained from CSR by calling 1800 807 668 or from www.csr.com.au

For more information about the Cemintel™ Texture Coat System, visit your local distributor or call

1300 CEMINTEL (1300 236 468)

www.cemintel.com.au

CEMINTEL™ FIBRE CEMENT SYSTEMS,
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