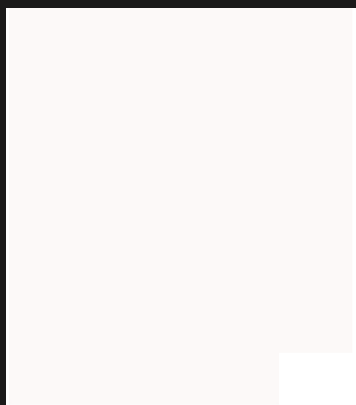


CEMHER



CONMARBLE
Earth, Lime & Clay
Plasters and Sustainable
Finishes

APPLICATION GUIDE

CEMHER CLAYSTONE
CLAY PLASTER

Resources

Application Video Guides



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CEMHER Materials (per 10m2)		
CEMHER® Primer 100 1L		CEMHER® Claystone Plaster 10kg
CEMHER® Claystone Tint		CEMHER® Aquapur20 Sealer A+B 1.2L

Other Tools & Materials		
Paint Brush	Use a quality Undyed Natural bristle Brush	
Roller & Sleeve (microfibre)	For applying Primer, use a 10mm+ Sleeve For applying Sealer, use a 4mm Sleeve	
Personal Protective Equipment	Refer to SDS	
Protective Drop Sheet	To protect Floor/surrounding surfaces	
Painters Tape	Interior Painters Tape	
Mirka Sandpaper	120Grit Do not use generic coloured sandpaper as it could bleed onto the surface and stain A dustless Sanding System is always recommended	
Trowel & Scraper	Venetian Plaster Or Microcement Trowel & Scraper with rounded edges	
Mixing Drill	For mixing in water & tint on low speed	
Empty Mixing Container	Optional Mixing Bucket for mixing batches	

Visit the CEMHER Tool shop online or in store for any additional suitable items

Step 01. Primer



Prepare the Surface

Ensure the surface is prepared in accordance to the substrate specification & Guidelines

Protect other Surfaces

Use painters tape and other coverings such as a drop sheet to protect any surrounding areas

Apply CEMHER Primer 100

Apply CEMHER Primer evenly across the substrate with the recommend paint brush & roller.

Primer Dry Time

Once primer has been applied, allow a minimum of 1hr dry time before applying the first coat of Claystone Plaster.

Apply your first coat of Claystone within 12hrs of applying primer/



Step 02. First Coat of Claystone

Consider Pot life

Claystone has a pot life of approximately 1hr. It is recommended to mix smaller batches based on the speed of your application pace to ensure optimal usability and reduce waste.

Total Liquid Calculation

For 10kg of Claystone®, a total of 4L of liquid (tint + clean water) is required. To determine the exact water amount, subtract the volume of tint from the 4L total:

Example Calculation:

- If using 500ml of tint, the required clean water = 3.5L
- If using 1L of tint, the required clean water = 3L

Smaller Batches

- Use the same mixing ratio (e.g., 1kg of Claystone® requires 400ml total liquid).
- 1 tint bottle per 10kg powder - refer to tint bottle ml to calculate smaller batches
- Adjust the clean water amount based on the tint volume used.

Prepare the Liquid Mixture

Pour the measured clean water into a mixing container.

Add the tint and stir thoroughly to ensure even distribution

Incorporate Claystone®

Gradually add Claystone® into the liquid while mixing.

Use an electric mixing drill on low speed to blend.

Continue mixing until the mixture is smooth, homogeneous, and free of lumps.

Applying Claystone

Use a scraper to place a scoop of Claystone on the top edge of the rounded-corner Venetian plaster trowel.

Tilt the trowel slightly and apply the material evenly over the substrate, maintaining a consistent layer thickness of 0.5mm to 1mm per coat.

Hold the trowel at a 10-30° angle, using smooth, controlled strokes to achieve uniform coverage and a refined finish.

Claystone Dry time

Allow the first coat to dry for a minimum of 4hrs before applying the second coat.

Drying time may vary depending on temperature and humidity—extend drying time as needed in cooler or more humid conditions.

Do not apply wet-on-wet

Step 03. Second Coat of Claystone



Once the first coat is fully dry, lightly sand with 120 or 240 grit Mirka sandpaper to smooth out any lumps or imperfections.

Sanding Between Coats

We recommend dustless sanding for a cleaner application.

Do not use generic coloured sandpaper, as pigments from the abrasive may transfer onto the surface and affect the final finish

Mixing Claystone

Mix Claystone with water and tint following the same process outlined in Step 2, maintaining the ratio of 400ml of total liquid per 1kg of Claystone

Apply Second Coat

Apply Claystone evenly over the first coat using a trowel and scraper.

If the second coat feels resistant, lightly mist the dried first coat with a misting spray bottle before proceeding to improve workability.

For added depth and variation, lightly mist the second coat of claystone with water and use the trowel to stamp, creating a random, natural pattern.

Adjust your technique and movements to achieve the desired textured finish.

Dry Time

Allow the second Claystone coat to dry for a minimum of 24 hours before sanding and sealing.

Ensure the moisture content is below 7% before proceeding to sealer application

Colour Note

The full colour of Claystone is achieved once both coats have been applied, dried, and sealed. Trust the process.

Claystone initially dries lighter, but its true, deeper colour is revealed after sealing.

Step 04. First Sealer Coat



Sanding Second Coat

Once the second coat is fully dry, sand with 120 or 240 grit Mirka sandpaper to smooth out any lumps or imperfections before sealing.

Mixing Aquapur20 Sealer

A 1.2L Sealer kit provides coverage for 10m² (2 coats).

To minimise waste, consider measuring and portioning the sealer based on the required square meterage before application

Mix Part A + Part B and stir with a stirring stick for at least 2 minutes

Do not use a mixing drill.

Ratio: 5:1 1L part A to 200ml Part B

Apply First Sealer Coat

Apply a thin coat of sealer with a 4mm nap microfibre roller and quality undyed paintbrush.

Do not apply sealers too thick as they will run and it may impact curing.


TIP: Clean the roller before applying sealer by rinsing or using tape to remove dust and loose fibres before use.

Dry Time

Leave the first coat of sealer to dry for a minimum of 12 hrs before applying the final second coat of Sealer.

Note

If more than 72 hours pass between sealer coats, lightly sand the surface with 120-grit sandpaper to create a key. This ensures proper adhesion between the layers during re-coating.

Step 05. Second Sealer Coat		
Apply Second Sealer Coat	Apply the second coat of sealer using the same mixing and application method as the first coat outlined in step 4.	
Dry Time	Allow the surface to cure for at least 7 days, with full curing achieved in 30 days.	
	During this time: Avoid impact, heavy use, and foreign objects.	
	Do not use cleaners or contact with water	
	Use the surface lightly and ensure good airflow for proper curing.	
Completion		
Refer to the CEMHER Claystone Care & Maintenance Guide		