

The following is to be used as a guide only and for product selection purposes and does not include all necessary section details or references to specific finishing systems. Coharo Coatings® is manufactured by and is an entity of Casafico Pty Ltd. Casafico recommends that you always contact us to confirm the most suitable system for your project. If you should need any further help, please do not hesitate to contact CASAFICO Head Office on 1300 264 276 or email at [info@casafico.com.au](mailto:info@casafico.com.au)

## COHARO Coatings® for NRG Greenboard™ Systems Guide

When considering a coating system for NRG Greenboard™ please consider the following factors; Building location (Environment), daily dynamic substrate stresses caused by temperature and climate changes, protection from atmospheric pollutants, salt air, water ingress, dirt accumulation and carbon dioxide.

KEY FEATURES	CASAFICO Product
<p><b>Coharo Premium Base Preparation</b></p> <hr/> <ul style="list-style-type: none"> <li>• Suitable for NRG Greenboard™</li> <li>• Lightweight</li> <li>• Durable</li> <li>• Water resistant</li> <li>• Impact resistant</li> <li>• Flexible</li> <li>• Outstanding workability</li> <li>• Zero sag</li> <li>• Extreme Highbuild</li> <li>• Insulative</li> <li>• Economical</li> <li>• Sustainable - contains at least 60% waste</li> <li>• Versatile</li> </ul>	<ul style="list-style-type: none"> <li>• Levelling Coat</li> <li>• Smooth Coat (on top of LC)</li> <li>• Patch - Adhesive (on top of LC)</li> </ul>
<p><b>Coharo Premium Finishes</b></p> <hr/> <ul style="list-style-type: none"> <li>• Water Resistant</li> <li>• Flexible, advanced workability</li> <li>• NO Sand, contains recycled aggregate</li> <li>• Made using pure white cement, can create a wide range of colours</li> </ul>	<ul style="list-style-type: none"> <li>• Marble Finish</li> <li>• Concrete Finish</li> <li>• London Finish</li> <li>• Puro Finish</li> <li>• Dry Texture</li> <li>• Wet Texture</li> </ul>
<p><b>Coharo Sealers</b></p> <hr/> <ul style="list-style-type: none"> <li>• Highly water resistant</li> <li>• Breathable</li> <li>• UV stable</li> </ul>	<ul style="list-style-type: none"> <li>• Marble Finish - Clear Coat</li> <li>• Clear Coat</li> <li>• Puro Seal</li> <li>• External Paint</li> <li>• Lustru Wax</li> </ul>

A Casafico warranty will be provided confirming protection flaking and peeling for a product of ten years by a skilled applicator, according to the specification and at the specified min. thickness, and to the surface preparation details outlined in this document. when the full Coharo system is applied

INDEMNITY CASAFICO Pty Ltd will not accept responsibility for any misuse of this product or if not applied by a skilled and experienced applicator and in accordance with our technical specifications.

## NRG Greenboard™ - COHARO PREMIUM FINISHES

### Application Methods and Coating Application Details

**Before applying any Finishes, please ensure that NRG Greenboard™ has been properly prepared to the minimum thickness as outlined below**

Minimum Thickness of Coharo Levelling Coat 6mm

Minimum Thickness of Coharo Smooth Coat 2mm

- Levelling Coat is applied at the required thickness to level the wall, left open to cure - do not float.

Please read all relevant Technical Data Sheets & Safety Data Sheets prior to product use.

Finish Required	1st Coat	2nd Coat	3rd Coat	4th Coat	5th Coat
Marble Finish	Levelling Coat	Smooth Coat + Mesh (5x5)	Smooth Coat	Marble Finish (Multiple coats to achieve desired finish)	(Sealers Option) Marble Finish - Clear Coat, Lustr Wax
Concrete Finish	Levelling Coat	Smooth Coat + Mesh (5x5)	Smooth Coat	Concrete Finish	(Sealers Option) Marble Finish - Clear Coat, Lustr Wax
London Finish	Levelling Coat	Smooth Coat + Mesh (5x5)	Smooth Coat	London Finish	(Sealers Option) Marble Finish - Clear Coat, Lustr Wax
Puro Finish	Levelling Coat	Smooth Coat + Mesh (5x5)	Puro Finish	Puro Finish	(Sealers Option) Puro Seal, Clear Coat
Dry Texture	Levelling Coat + Mesh (10x10)	Dry Texture (can be coloured)	Paint or Clear Coat		
Wet Texture	Levelling Coat + Mesh (10x10)	Patch - Adhesive	Wet Texture (to colour)	(Sealers Option) Clear Coat, Paint	
Rough Cast using Levelling Coat	Levelling Coat + Mesh (10x10)	Levelling Coat	(Sealers Option) Clear Coat, Paint		

- Each Coat must be left for curing time specified on TDS prior to the subsequent coat. Only the same product can be recoated as soon as stabilized (when you can put your hand on the wall and not leave any prints)
- Wrapping / Sanding of Levelling Coat / Smooth Coat / Patch-Adhesive is possible if needed prior subsequent coat
- If the applied coat is not visually acceptable or level re-application is necessary prior subsequent coat
- For certain guarantees Sealer options may be required - contact Casafico for further assistance
- Individual product information must be followed to specification
- Fibreglass mesh & Control Joint locations should always be considered when looking at structural design challenges to prevent or reduce possible cracking
- Casafico Graded Recycled Glass Aggregates can be used for custom finish modifications to CF / LF & SC
- Call 1300COHARO for further technical assistance

## COHARO Coatings® Leveling coat for NRG Greenboard™

### Product Overview - LEVELLING COAT

Coharo Coatings® Levelling Coat (LC) is a pre-blended HIGH POLYMER cementitious levelling compound designed to be used on NRG Greenboard™

Exceptionally high sustainable credentials, made using 100% recycled aggregate, ⅔ of its contents.

LC is designed for use as a base coat in Coharo Coatings® finishing systems. Other uses of LC are rough cast finish, split stone finish and moulding applications.

Supplied in dried powder form, LC only requires the addition of clean water to produce a base coat mortar making it ideal for minimal shrinkage and positive adhesion to clean sound NRG Greenboard™.

### Features and Benefits

- Ready to use, Just add water.
- High dispersion reinforcement fibre High polymer content.
- Easy workability.
- Excellent resistance to shrinkage.
- Sustainable, made from 100% recycled aggregate, ⅔ of its contents.

- Only requires the addition of water as the polymer is in the powder.
- Enhances impact resistance and tensile strength.
- Ensures excellent surface hardness and impact resistance.
- Easy to apply consistency, no stickiness of the trowel.
- Controlled formulation maximises water retention to ensure proper hydration of the cement.

### Coharo Coatings® for NRG Greenboard™ Specifications

#### PREPARATION

Check that NRG Greenboard™ are installed correctly as per manufacturer's recommendation. Remove contaminants. NRG Greenboard™ must be clean, sound and free of all powdery residues, oils and release agents. Position aluminium targets/corner beads by adhering with Levelling Coat as required.

#### MIXING

1 bag of LC will mix approx. 2.5 15L pails. Measure approx. 5 litre of water into a 15L pail and add 14 litres of powder while mixing with a suitable power mixing drill. Approx 12 litres of water for the entire bag of LC to be mixed in a 40L container/pail. Allow to stand for 2-3 minutes.

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<b>APPLICATION PROCEDURE &amp; EQUIPMENT</b>	<p>Apply using a hawk and trowel or spray machine in the thickness required to fill in the wall. Follow by a levelling screed/render darby and leave to cure.</p> <p>We recommend using Aluminium targets/corner beads to be used as a guide to ensure a level, flush and plumb outcome.</p> <p>Once cured, Levelling Coat can be cleaned via sanding rasp if required for application of of subsequent Coharo Coatings®</p> <p>Levelling Coat can also be used as a finish coat via a spray machine to achieve the Rough Cast look. It is recommended that you leave it cure prior to painting or sealing.</p> <p>Levelling Coat can also be used to create a split stone look, as a general guide, trowel on LC to minimum required thickness for decorative tooling, allow it to stabilise and flatten with a clean trowel. Then apply Coharo Coatings® Marble Finish.</p>
<b>CURING TIME</b>	<p>Levelling Coat will set in 6-12 hours depending on substrate moisture and thickness applied. Allow 7 days before recoating.</p>
<b>COVERAGE PER BAG</b>	<ul style="list-style-type: none"> <li>• 6mm Thick - 5m<sup>2</sup></li> <li>• 10mm Thick - 3m<sup>2</sup></li> <li>• 20mm Thick - 1.5m<sup>2</sup></li> </ul>
<b>PACKAGING</b>	<p>Leveling Coat is supplied in 36 litre/16Kg bags. 42 bags per pallet. Bags are made to be recycled, make sure to dispose of thoughtfully in recycle commingled bins to reduce waste to landfill.</p>
<b>CLEAN UP</b>	<p>Clean up with water before it dries.</p>
<b>STORAGE &amp; SHELF LIFE</b>	<p>12 months shelf life if stored correctly off the ground in a dry place.</p>

### PRECAUTIONS AND LIMITATIONS

Silicone or oil contaminated surfaces are not suitable for rendering.  
 Not designed for application to sealed or glazed surfaces (Glazed Bricks, Tiles, Glass etc).  
 Not to be applied in thin films under 6mm thickness.  
 Protect from frosts or rain for the first 8 hours.  
 Do not apply below 5°C or above 30°C.  
 \*The provision of expansion joints at 'weak spots' ie:

- Above and below openings
- At all level changes
- At the junction of different substrates and
- Or specified by the project engineer.

Users must make their own determination as to the suitability of this product relevant to requirement  
 \*Control joints are ultimately the builders responsibility.

**For all Casafico products technical assistance call 1300COHARO - 1300 264 276**

## COHARO Coatings® Smooth coat for NRG Greenboard™

### Product Overview

Coharo Coatings® Smooth Coat (SC) is a pre-blended High Polymer cementitious smooth levelling compound primarily designed for use over Coharo Coatings Levelling Coat or directly to NRG Greenboard™ for preparation of high level smooth/polished finishes; eg. Concrete finish, Marble Finish and London Finish.

Made from 100% recycled aggregate 2/3's of its contents, Smooth Coat is the finest body-filled preparation material available. Can be trowel or sponge finished and sanded easily once cured.

Smooth Coat can also be used as a washed tuscan finish with the ability to colour the material with Coharo colourants. A choice of Coharo Sealers can then be applied.

Smooth Coat can be applied upto 3mm thick for decorative tooling for feature finishes.

Smooth Coat can also be used for a standard internal finish ready for painting.

### Features and Benefits

- Ready to use, Just add water
- High dispersion reinforcement fibre High polymer content
- Easy workability
- Excellent resistance to shrinkage
- 100% recycled aggregate 2/3's of its contents

- Only requires the addition of water as polymer is in the powder
- Enhances impact resistance and tensile strength
- Ensures excellent surface hardness and impact resistance
- Easy to apply consistency, no stickiness of the trowel
- Controlled formulation maximises water retention to ensure proper hydration of the cement

### Coharo Coatings® for NRG Greenboard™ Specifications

#### PREPARATION

Check that NRG Greenboard™ are installed correctly as per manufacturer's recommendation.  
Remove contaminants.  
Ensure Levelling Coat is cured, level and clean prior to application  
NRG Greenboard™ must be clean, sound and free of all powdery residues, oils and release agents.

#### MIXING

Mix 1 bag of SC with up to 8 litre of water.  
Mix with a suitable mixer to consistency required for appropriate thickness to be applied.

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<b>APPLICATION PROCEDURE &amp; EQUIPMENT</b>	<p>Apply using a hawk and trowel or spray machine.</p> <p>Angle trowel at 10 degrees off the wall for levelling until the wall looks smooth and continue until the wall is complete.</p> <p>When coating is stabilised, SC can be polished or sponged finished.</p> <p>Once cured SC can be easily sanded if required, prior to finish coats.</p>
<b>CURING TIME</b>	Smooth Coat will set in 1 - 4 hours depending on substrate moisture and thickness applied. Allow 7 days before recoating.
<b>COVERAGE PER BAG</b>	<ul style="list-style-type: none"> <li>• 1mm Thick - 10m<sup>2</sup></li> <li>• 2mm Thick - 5m<sup>2</sup></li> </ul>
<b>PACKAGING</b>	<p>Smooth Coat is supplied in 12 Litre/11Kg bags</p> <p>84 bags per pallet</p> <p>Bags are made to be recycled, make sure to dispose of thoughtfully in recycle commingled bins to reduce waste to landfill</p>
<b>CLEAN UP</b>	Clean up with water before it dries.
<b>STORAGE &amp; SHELF LIFE</b>	12 months shelf life if stored correctly off the ground in a dry place.

### PRECAUTIONS AND LIMITATIONS

Silicone or oil contaminated surfaces are not suitable for rendering.  
 Not designed for application to sealed or glazed surfaces (Glazed Bricks, Tiles, Glass etc).  
 Not to be applied in thin films under 1mm thickness.  
 Protect from frosts or rain for the first 8 hours.  
 Do not apply below 5°C or above 30°C.  
 \*The provision of expansion joints at 'weak spots' ie:

- Above and below openings
- At all level changes
- At the junction of different substrates and
- Or specified by the project engineer.

Users must make their own determination as to the suitability of this product relevant to requirement  
 \*Control joints are ultimately the builders responsibility.

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*The information contained in this document is based on information available at the time of writing which we believe is accurate and reliable. Casafico Pty Ltd reserves the right to change the information without prior notice.*