

CALIBRE Technical Data Sheet: 05/7/2023: Version 1.

REGISTERED NAME OF COMPANY MANUFACTURER & DISTRIBUTOR INFORMATION	CALIBRE SUPERIOR PLASTER AND PAINT (PTY) LTD 20 Burger Street ERMELO 2350 Mpumalanga South-Africa www.calibreplasterpaint.co.za info@calibreplasterpaint.co.za Telephone +27 17 819 1166 / 7 +27 82 4122 580
NAME OF PRODUCT	Calibre Superior Eco Plaster & Paint
DESCRIPTION	Mature Mineral Clay Putty – Ready Mixed
WATER LAYER ON THE PRODUCT / CLAY (CALIBRE)	There is a layer of water on the product (CALIBRE) to prevent it from drying, curing, and carbonation. Discard the layer of water before use. ALWAYS: Add a layer of water (3cm+) when not in use. Ensure that all the clay (CALIBRE) is covered under water when not in use.
DESCRIPTION AND WHAT TO EXPECT FROM THE FINAL APPLICATION AND COLOUR	CALIBRE is a mineral-clay putty and is applied as a decorative thin layer. One of CALIBRE's characteristics is the beautiful colour nuances and colour variances. It reflects light and may appear different in different circumstances. Due to it being a mineral-clay, one batch may differ slightly from another. CALIBRE is unique and will look "consistently inconsistent". Each application will be like a distinctive "fingerprint". CALIBRE complements traditional and modern settings. It is environmentally friendly. CALIBRE absorbs carbon dioxide out of the atmosphere and will breathe with your home/building. There are currently 11 unique colours to choose from. Familiarise yourself with the colour options before choosing a colour. Please see the original colour samples at your local stockist for the truer and actual colour. Due to different phone setting, screen settings, printer settings, different lights and the reflection of light etc, the colours on digital and printed brochures / colour charts / advertisements, may differ from the actual/true colours. The method of application will also have an impact on the colour of the application.
CHARACTERISTICS	<ul style="list-style-type: none"> ✓ Environmentally Friendly ✓ Mineral-clay based ✓ Absorbs carbon dioxide and improves air quality ✓ Little to no odour ✓ Extremely versatile ✓ Smooth or textured application ✓ Consistently inconsistent – Colour nuances ✓ Naturally prevent mold or mildew growth
APPLICATION METHOD OF CALIBRE	Obtain special instructions before use. There are different application methods for different surfaces. This document is a TDS and not application instructions. A stainless-steel flexible trowel or flexible scrapers can be used for applications to get the "CALIBRE" look. The application method is like "smearing/spreading" paint with a trowel or scraper onto a surface in "wiper" motions. For larger surfaces we recommend the stainless steel ROX professional range skimming trowel SuperFlex™.
APPLICATION TOOLS AND PRODUCTS	<ul style="list-style-type: none"> • CALIBRE • Stainless steel flexible trowel (ROX SuperFlex™ skimming trowel) or flexible scraper set • Scraper set for small spaces, corners, and edges • Fine Sandpaper • Drop Sheet • Painter's Tape/Masking Tape • Water Spritzer Bottle & Water • Quality Paint Brush • Mixing bowl and spoon (prep application) • Eye protection/Dust mask/Latex gloves • Preparation: Approved Bonding Liquid Concentrate • Approved Sealant

PROTECTIVE & SAFETY PRECAUTIONS	<p>Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/eye protection/dust mask (when sanding).</p> <ul style="list-style-type: none"> • Eye Protection • Dust Mask • Gloves <p>CALIBRE pH \pm 12.5 – Hi Alkalinity when wet. High alkalinity may irritate or dry skin. Potential hazard to eyes – wear eye protection. When it comes into contact with the eyes, rinse thoroughly for 10 minutes with clean water and contact a medical practitioner immediately if irritation or abnormalities persists Potential hazard to respiratory track when sanding – wear a mask and ensure that the room is ventilated when sanding. Do not inhale the dust. If you suffer from pre-existing respiratory conditions, asthma, bronchial irritation, or inhalation of dust from sanding CALIBRE, may be triggered or worsen – consult a medical practitioner if the condition worsens or if irritation lasts for longer than 6 hours. Do not consume. Keep out of reach of children and animals. If you experience any irritation or discomfort, contact a medical practitioner. Handling: CALIBRE has a high viscosity and is thick and heavy. Take appropriate care in lifting/handling heavy materials. Especially the “construction” range that weighs up to 25kg per container.</p> <ul style="list-style-type: none"> • Very low VOC • Non-Flammable • Not considered to be an explosion hazard. • This product contains no ozone-depleting compounds
5 KG CALIBRE SUPERIOR ECO PLASTER & PAINT ESTIMATE COVERAGE ON SMOOTH SURFACE (WALLS & FLOORS)	<p>\pm 12 – 18 M² (1 Layer). Two layers are recommended, thus for every \pm 7 M² of smooth surface (wall/floor), you will need \pm 1 x 5KG of CALIBRE. The thickness of layers \pm 0.3 mm – 0.5 mm.</p> <p>Estimate coverages are approximations only and will vary depending on the applicator, technique, suitability, surface, layers applied, etc. You may apply as many layers as you wish, all layers should be applied thinly, and allow ample drying time between layers in order to allow clay to carbonate / cure.</p>
THICKNESS OF LAYERS	<p>\pm 0.3 mm – 0.5 mm per layer (Thicker application may result in minor cracking. Should this happen, adjust the thickness of your application with the next layer and work more water into the application – this is only possible if there is no peeling or delamination). See trouble-shooting instructions. Do not exceed the recommended thickness.</p>
COMPATIBLE SURFACES	<p><u>It can be applied to healthy, smooth, clean, free-of-contamination surfaces only.</u></p> <ul style="list-style-type: none"> ✓ Cement (smooth) ✓ Certain Tiles Only (not to be applied on loose tiles) ✓ Painted or raw walls (smooth) ✓ Melamine & kitchen countertops ✓ Glass ✓ Screed <p><i>X CALIBRE is a decorative thin film coat and is not intended to be used as a self-levelling product.</i></p> <p><u>NOT recommended and not compatible with:</u> Moving objects e.g., doors. Plastic containers. “Unhealthy” surfaces. Moisture-damaged surfaces. Buildings where structural moving occurs. Novilon. Rough and uneven surfaces. Laminated floors. Wooden floors. Popcorn walls. Surfaces with mold, grime, debris, flakiness, oil, grease, dirt, etc. Crumbling or cracked surfaces. Not suitable for contaminated surfaces.</p> <p>Never add other paints or solvents to CALIBRE. Use only the recommended products listed here and approved by the manufacturers of CALIBRE.</p>
INDOOR OR SHELTERED SURFACES/SPACES	<p>Indoor or sheltered surfaces with minimum direct exposure to natural elements are recommended. Seal outdoor applications to prevent and avoid water stains or patina.</p>
RECOMMENDED LAYERS OF CALIBRE ON SMOOTH WALLS & FLOORS	<p>\pm Two layers. You can apply as many layers as you wish, all layers to be applied thinly, and allow ample drying time between layers in order to allow clay to carbonate/cure.</p>

RECOMMENDED LAYERS OF CALIBRE ON COUNTERTOPS	± Three layers or more. You can apply as many layers as you wish, all layers should be applied thinly, and allow ample drying time between layers in order to allow clay to carbonate/cure.
RECOMMENDED LAYERS OF CALIBRE ON TILES	It depends on the kind of tiles, the texture, the depth, and the size and condition of the grout lines. Tiles require more product (CALIBRE) than other surfaces. Tiles must be steady and not be able to move at all.
CURING TIME BETWEEN LAYERS	± 3 – 5 Hours (humidity and temperature dependent). <u>Never rush the drying process</u> using heaters, fans, etc – CALIBRE must dry naturally to ensure carbonation/curing. The longer you wait between layers, the better the result. <i>“Do not rush the process. Good things take time”</i>
CURING TIME BEFORE SEALING CALIBRE	Allow a <u>minimum</u> of 48 hours for clay (CALIBRE) to cure naturally before sealing. The longer you wait before sealing CALIBRE, the stronger it will become. Clay may look dry but can still be moist under the surface. Never seal while still wet /moist. The sealer prevents further carbonation/curing. <i>“Do not rush the process. Good things take time”</i>
IDEAL TEMPERATURE FOR APPLICATION / WEATHER CONDITIONS	7 – 25 Celsius – Not to be applied in direct sunlight - rather do application early mornings or late afternoons during summer months. Do not expose to frost. Do not apply in windy conditions as this will cause the clay (CALIBRE) to dry out too fast and the clay might crack and not carbonate /cure. If it is a cold day, clay (CALIBRE) might be more “runny” and harder to work with.
STORAGE	Store in a dry place in an airtight container – always add a layer (+ 3cm) of water on top of the product (CALIBRE) when not in use to prevent carbonation/curing. Protect from frost, direct sun, and heat. Storage temperature from 7 – 25 C. Do not store directly on the floor – store on a pallet. Do not freeze. Improves with age if stored correctly. Might thicken but will still be workable. Maximum shelf life: 5 years (if stored correctly).
TRANSPORT	Keep in an upright position. Handle with care to prevent the water layer on the product from mixing into the clay.
DISPOSAL OF CALIBRE	Do not dispose of CALIBRE or residue into sewage/drains.
RECOMMENDED SEALER AND APPROVED SEALER	Woodoc 45 (matt or gloss). 3+ Layers on floors (3 to 5 layers). 3+ Layers in bathrooms (floors & walls) (3 to 5 layers). 3+ Layers on countertops (3 to 5 layers). 2+ Layers on walls (not exposed to water) When the clay (CALIBRE) makes wet spots when it comes in contact with water, wait until CALIBRE is totally dry, and apply another layer of sealer to the dry and clean application.
RECOMMENDED AND APPROVED PREPARATION PRODUCT	Alcolin Permabond Bonding Liquid Concentrate (Please see application instructions for more information)
CLEANING OF TOOLS	Clean all tools, equipment, and spills immediately. Use water and mild soap for cleaning.
MASKING TAPE REMOVAL	Remove masking tape frequently to prevent it from being “glued” onto your project. Never leave masking tape on overnight. Apply new masking tape every day.
CLEANING OF CALIBRE	No harsh chemicals are to be used. Do not use acidic cleaners. <i>Clean with water or mild soap.</i> Stubborn stains can be removed by sanding them down with fine sandpaper, doing a touch-up with CALIBRE if necessary, and sealing that particular spot again.
DISCLAIMER	The information provided in this datasheet, all technical advice and recommendations is for guidance and is given in good faith but without warranty since the site conditions and care and skill of applications are beyond our control. We can accept no liability for the performance of poor workmanship and aftercare of the application. We cannot take accountability for the applicator or contractor that you choose to use. We can ensure you that we do our utmost to handcraft a product of superior quality and that we have never had a complaint or comeback for faulty, poor, and bad applications that CALIBRE ECO PLASTER AND PAINT (PTY) LTD have done ourselves. Date of TDS: 05/07/2023. Version: 1 (one) of 05/07/2023. Information on TDS may be revised from time to time. New and revised data and TDS will be shared on social media and our webpage.