



WHERE TO BE USED?

CERAMIC WALL COATINGS

Made with a light, porous material which is a suitable characteristic for wall fixtures. Installed with 3 mm joints to improve aesthetic results. These coatings should not be used on floors.

FLOOR COATINGS

Single-fired tiling and enamels have appropriate characteristics for use on floors.

They are strong against abrasion and have a higher scratch resistance than the wall coverings

CERAMIC TILE FOR SWIMMING POOLS, TANKS AND CISTERNS:

Single-fired tiling and special enamels are suitable for installation on surfaces immersed in water (flooring and background walls).

RECOMMENDATIONS

- For safety, do not install ceramic coatings with glossy finishes in outdoor flooring because of possible damage due to humidity, rain or in areas of heavy movement.
- Protect your investment with mats, all types of surfaces can have abrasive streaks or scratches (wood, marble) do not confuse resistance to heavy movement with quality ceramic, this is just one of its features.
- The CELIMA products are not resistant to temperatures below 0° degrees centigrade; they are not anti-freeze.



WHAT IS NECESSARY TO KNOW BEFORE YOU DECIDE?

Beauty, easy to clean, durability and strength are the essential features when buying a ceramic coating for walls and floors

Consider the warranty and quality of a product:

1. Selected raw materials (clays, glazes, etc.)
2. Control manufacturing process through latest equipment
3. Up-to-date technology
4. Wide range of designs, colors and sizes
5. Compliance with international standards of manufacturing
6. Extensive network of distributors nationwide
7. Customer service and free technical training

WHY CHOOSE CELIMA?

Ceramic coatings are an option for use in walls and floors in homes, commercial areas, dry and wet area, simple and sophisticated, indoor and outdoor environments.

With a wide range of designs, colors and sizes that offer many advantages over other coatings:

1. easy to clean and safe
2. Weather resistant
3. Versatile decoration
4. Hypoallergenic and non-flammable

HOW TO INSTALL CERAMIC VENEER?

To ensure a perfect result, lasting beauty and durability have a qualified operator use CELIMA adhesives and forges.

CELIMA adhesives prevent the need to soak the pieces or the surface to be plated, which reduces drying time and allows quick gratification of the space or room to be used.

Use RUBI tools for appropriate installation, such as cutters, rasps, spreaders, and forgers.

WHICH ADHESIVE SHOULD I USE?

Select the adhesive according to the ceramic veneering and type of surface to be coated.

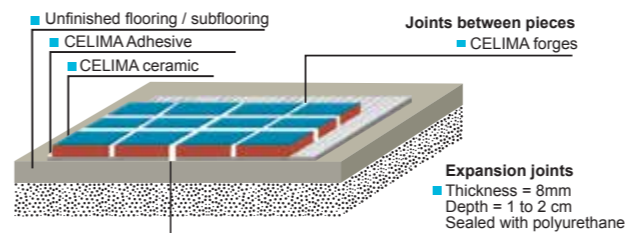
YOU CAN USE:

- Interior Gray Adhesive: for interior surfaces.
- Interior Gray Premium Adhesive: for a better preview of work in interior surfaces.
- Interior White Super Adhesive: for interior surfaces, white body tile or clear natural stones.
- Exterior Gray Adhesive: exterior surfaces.
- White Super Adhesive: for laying ceramic on ceramic
- Porcelain white Adhesive: for placement of porcelain
- Super Flexible White Adhesive: for placement of all types of coatings on rigid or flexible surfaces (drywall, cement, etc.) and swimming pools.



YOU CAN USE:

Veneer starting with the walls and finishing with the flooring. Place the pieces leaving a gap between them (see box) and additionally, consider expansion joints forming 6x6, 8x8 m indoor panels and 3x3 to 4x4 m outdoor panels, together with the level of subflooring or unfinished flooring with a thickness of 8 mm 1 cm and a depth of 1 to 2 cm. Seal joints between work pieces with forger and expansion joints with silicone or polyurethane. Parts should never cover joints of construction.



GETTING READY TO PLACE THE VENEER:

1. Check the leveling, dryness and cleanliness of wall brackets and surface to be coated.
2. All parts are properly leveled and aligned.
3. The veneer is dry before setting to prevent stains on the boards.

FOR NEW BUILDING

All adhesives prepared with approximately 250 ml of water per kg of adhesive. The consumption varies according to the size of the pieces to be plated and the surface to be coated (leveling).

YIELDS:

| Tile | Size | Minimum joint | Raspin tooth | m ² /bag* |
|--------------|----------|---------------|--------------|--------------------------|
| Wall | 8x12 in | 3 mm | 8x8 mm | 5.2 a 6.2 m ² |
| Wall | 10x16 in | 4 mm | 10x10 mm | 4.0 a 5.0 m ² |
| Pool | 12x12 in | 4 mm | 6x6 mm | 7.0 a 8.0 m ² |
| Floor / Wall | 12x12 in | 6 mm | 8x8 mm | 5.2 a 6.2 m ² |
| Floor / Wall | 16x16 in | 8 mm | 10x10 mm | 4.0 a 5.0 m ² |
| Floor / Wall | 18x18 in | 8 mm | 10x10 mm | 3.5 a 4.5 m ² |

*25 kg CELIMA powder adhesive.

INSTRUCTIONS FOR VENEERING



1. Extend the adhesive on the surface to be coated. In swimming pools, tanks, cisterns, large surfaces and outdoor spaces, apply adhesive on the back of ceramic also.



2. Scratch adhesive with jagged side of the rasp.



3. Place the parts and press down.



4. Allow to dry for 3 days before sealing the joints with Celima Premium indoor forger or Celima indoor/outdoor.

FOR OTHER SURFACES

CERAMIC IN CERAMIC:

Perform a thorough cleaning and completely dry the surface, then veneer with white, extra strength adhesive.

To improve adhesion the first acrylic application is recommended before veneering.

Let dry 3 days and seal the joints with Premium CELIMA forger.

ABOUT PARTITIONING

Use white, flexible adhesive or glue in CELIMA paste.

Install tile, allowing 3-5 days to dry, sealing the joints with Premium CELIMA forges.

YIELDS:

Approximately 3m² / 12 kg bucket of CELIMA adhesive paste.

HOW TO SEAL JOINTS?

Forget the stains and dirt in the joints, use Celima forge for indoor or CELIMA premium forge for indoors, outdoors and damp areas (bathrooms and kitchens).

Once the veneering is dry, clean the joints. No need to wet the surface before setting. The Celima Forge can be prepared with approximately 250 ml of water per kg of forge.

YIELD:

| Tile | Joint /m ² /kg* | |
|-------|---|--------------------|
| Wall | 3 mm | 4 mm |
| 8x12 | 4.0 m ² | 3.0 m ² |
| 10x16 |  | 3.0 m ² |
| Pool | 3 mm | 4 mm |
| 12x12 |  | 2.5 m ² |
| Floor | 6 mm | 8 mm |
| 12x12 | 2.0 m ² | 1.5 m ² |
| 16x16 |  | 2.0 m ² |
| 18x18 |  | 2.0 m ² |

Approximately 1 kg of Celima Forge per m²

INSTRUCTIONS FOR SETTING:



1. Fill the joints with rubber forger; allow it to dry 20 min.



2. Clean with damp sponge and allow drying. Wipe off dust with dry cloth.

HOW TO CLEAN?

- **DEEP CLEAN BEFORE REMODELING:** Wash the surface with muriatic acid diluted with water (1:10), scrub with brush and rinse. Wash with water and mild detergent, rinse thoroughly and let dry.
- **FINAL CLEANING AT THE END OF THE WORK:** Wash and remove cement with t **CELIMA No.1** or muriatic acid diluted with water (1:10) scrub with brush and rinse
- **DAILY MAINTENANCE:** wash with universal cleaner **CELIMA No. 10** or with neutral detergent and water. Do not use wax.



HOW TO VENEER A SWIMMING POOL?

The surface for plating a pool must be dry:

- Waterproof concrete structure: minimum 7 days.
- Unfinished surface that is not waterproof: minimum 3 days.

Ceramics for pools are more resistant to bending, have lower water absorption and special enamel that resists permanent chemicals used in water treatment.

CELIMA plus Forge pool has greater resistance to moisture and chemicals that exist in pools.

Floor and wall - Pool Tiles

Piscina Celeste
12x12

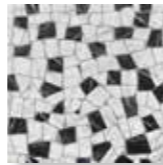


Floor - Exterior Tiles

Terra Beige
18x18



Altamira
Blanco
18x18



Belén Natural
18x18



Adhesive for veneer

Adhesive
Super Blanco
Flexible CELIMA



Forge for sealing joints

Joints
Piscina Plus
CELIMA



VENEER

- Prepare super flexible white adhesive and extend leaving a gap of 3-4 mm between each of them.
- Make expansion joints 8 mm and 1 to 2 cm deep every 5 m (separately) in length.
- For proper adhesion, the back of the pieces must be filled with adhesive.

SETTING

- After 03 days, seal the joints between parts with CELIMA Pool plus Forge
- Seal expansion joints and contours of recirculation equipment (skimmers, suction grilles, return valves) and lighting (underwater headlights with polyurethane).

HOW TO MAINTAIN A SWIMMING POOL



PRIOR TO USE:

- The day after forging, wash veneering with Celima No. 1 cement remover and Celima No. 10 universal cleaner.
- Let dry 7 days before fill the pool with water.

MAINTENANCE

- The recirculation and permanent water filtration reduces the formation of tartar and deterioration of ceramics
- Perform periodic inspections and forge damaged joints to prevent water seepage.
- Perform all work in a maximum of 15 or 20 days
- Do not leave the pool without water for long periods of time. The difference of pressure (filled pool versus empty pool) deteriorates ceramic.

MONITOR THE WATER

- Control of chlorine and pH is performed to remove bacteria. In regards to water treatment the following should be taken into account:

| | |
|----------------------------|---|
| pH | Acceptable between 6.5 and 8.5 |
| Residual chlorine | Acceptable with less than 2.0 mg/l |
| Hardness CaCO ₃ | Acceptable between 75 and 250 ppm Recommendable between 80 and 150 ppm |
| Alkalinity | Acceptable between 75 and 250 ppm |
| Chlorides | Acceptable with less than 200 ppm |
| Sulfates | Acceptable with less than 150 ppm |

CONSEQUENCES OF IMPROPER MAINTENANCE

- Calcium carbonate (Hardness CaCO₃) => Leading to damage of the forge, water filtration and deterioration of ceramics.
- Alkalinity=> Produces pores in the ceramic glaze.
- Chlorine=> Salty tasting water that does not cause harm.
- Sulfates=> Leading to forge and filtration damage.

USE AND CARE MANUAL - CELIMA CERAMIC TILES

WHERE TO USE?

HOW TO

CHOOSE?

HOW?

- INSTAL
- SEAL
- CLEAN


CELIMA

AV ALFREDO MENDIOLA 1465 - SAN MARTÍN DE PORRES - LIMA 31 PERÚ

CASILLA POSTAL 452 - LIMA 100

TELÉFONOS: (511)614-0303

E-MAIL: ventas_celima@celima.com.pe

SERVICIO AL CLIENTE: Telf. 614-0303 Fax: 614-0303 Fax: 614-1530 / e-mail: aciente@celima.com.pe

ASESORÍA TÉCNICA: Telf. 614-0300 Anexos: 3533, 3534, 3536 / e-mail: arquitectos_celima@celima.com.pe

PÁGINA WEB: www.celima-trebol.com

IMPORTADOR: SERVICIOS HOME DEPOT, S. DE R.L. DE C.V.

RICARDO MARGAIN 605, SANTA ENGRACIA, SAN PEDRO GARZA GARCÍA, NUEVO LEÓN,

MÉXICO, C.P. 66267 Tel. 01 800 004 6633

Lea las instrucciones antes de usar el producto.

Garantía impresa en el manual no válida para México


CELIMA