

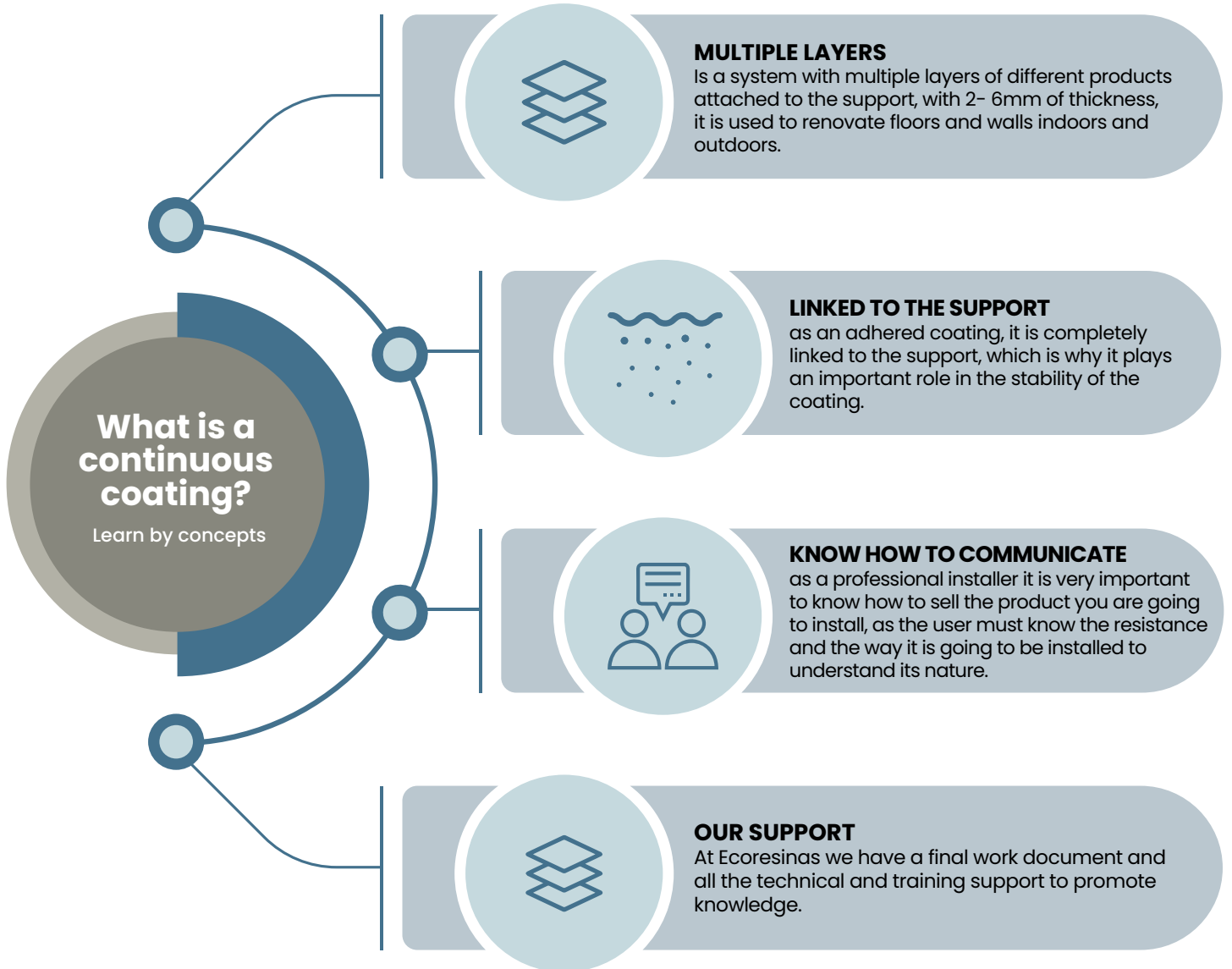
A pressed, dried leaf is centered on a textured, brownish-grey surface. The leaf is dark brown and shows clear vein patterns. The background has a rough, fibrous texture.

INSTALLATION MANUAL

3D Resins • LevelTRP • Metallic Effect • MicroQuarz

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RESINAS Y MICROCEMENTOS



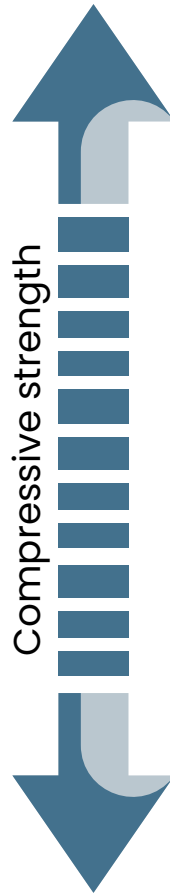


KNOWLEDGE

Is microcement hard?

In this table you can see the comparison between two types of traditional floors, parquet and terrazzo and the degree of resistance of continuous coatings.

TERRAZZO



1 Very high resistance

MicroQuarz HardTRANSIT

2 High resistance

MicroQuarz NATURE

3 Mid-high resistance

MicroQuarz Classic

4 High resistance

Level TRP - Level Color

5 Moderate resistance

Traditional microcement

PARQUET

CHARACTERISTICS OF AN IDEAL SUPPORT



The support
must be
HARD

It is understood as hard, a support with resistance equal to or greater than concrete 25MPa.

Our continuous coatings

can be applied on:

- Concrete
- Terrazzo
- Ceramic
- Cement mortar
- Any mineral support

Our continuous coatings

cannot be applied on:

- Rubber
 - Wood on floor
 - Metal
-

SUPPORT

CHARACTERISTICS OF AN IDEAL SUPPORT

The support
must be
STABLE

Check that there are no cracks or loose ceramic pieces.
If there are regattas on the ground, cover them with high resistance mortar and without shrinkage.

Heating installations in regattas must be insulated so as not to generate areas of thermal shocks that could affect the surface.



REPAIR
the support
whenever it
is necessary

SUPPORT

er

CHARACTERISTICS OF AN IDEAL SUPPORT

The support
must be
FLAT

It must be taken into account that we are working with coatings between 2mm and 6mm, and that this thickness is achieved in successive layers.

If we do not have a smooth support, we must transform it into smooth before applying any system.



SMOOTH
the support
whenever it is
necessary

SUPPORT

CHARACTERISTICS OF AN IDEAL SUPPORT

The support
must be
EVEN


A floor must be leveled only when a self-leveling agent, such as **Level TRP**, **Metallic Effect** or **LevelColor**, intervenes in the chosen system, and whenever it is required in the work or that the support has imperfections.

Systems that are not self-leveling do not need leveling.



LEVEL the support always with
high-resistance materials

CHARACTERISTICS OF AN IDEAL SUPPORT



The support must **NOT** have **HUMIDITY**

We are going to identify it, there are two types of humidity:
Residual and Water Table humidity

Residual

It is the moisture that is contained within the supports. We can find it in a concrete that has been installed a few days ago, or a wall plaster that has not yet dried. It also manifests itself in poorly ventilated environments where moisture is perceived by condensation.

Solution: Chemical Vapor Barrier

Water table

It is the moisture that accumulates in the subsoil. When there is no insulation, the water is absorbed by the concrete and rises to the cladding. In tiled floors it does not affect stability but in thin layer polymeric coatings it detaches them from the support.

Solution: Constructive, install insulation



SUPPORT

It is important to know how to read the support and give the corresponding solution before installing the cladding. If one of these conditions is not present in the support, then the coating will have problems with adhesion, stability, aesthetics, etc.



PERFECT SUPPORT

HARD • STABLE • SMOOTH • LEVELED • WITHOUT HUMIDITY



ENVIRONMENT AND DRYING

In interior cladding, the environment must be **DRY**. Humidity by condensation lengthens the drying process of the resins.

It is VERY IMPORTANT to work in a **CLEAN** environment. If we work with decorative resins, the dust from the work can fall and dirty the finish.

TEMPERATURE. On the other hand, the resins do not dry in situations where the temperature is below 5C and if it is kept below 15C the drying time is lengthened, preventing productivity on the job site. Elevated temperatures above 25C shorten the drying process and this can affect both drying and application where the products can be difficult or impossible to work with.

CURED. Curing is the completion of the coating drying process, that is, when it acquires all resistance such as adhesion, hardness, abrasion, etc. This happens after 10 days at a stable temperature of 23C, if during this period the temperature decreases, the curing is prolonged. This does not mean that the pavement is not passable until the curing is finished, the coatings can be trafficked within 48 hours of the finish, but special care must be taken not to drag furniture or support heavy elements during these days. It is also important to have protections on the legs of chairs and tables to favor the care of the floor.



TECHNICAL SHEETS

MICROQUARZ CLASSIC • MICROQUARZ NATURE • MICROQUARZ HardTRANSIT
LEVEL COLOR • LEVEL TRP • LEVEL TRP METALLIC EFFECT

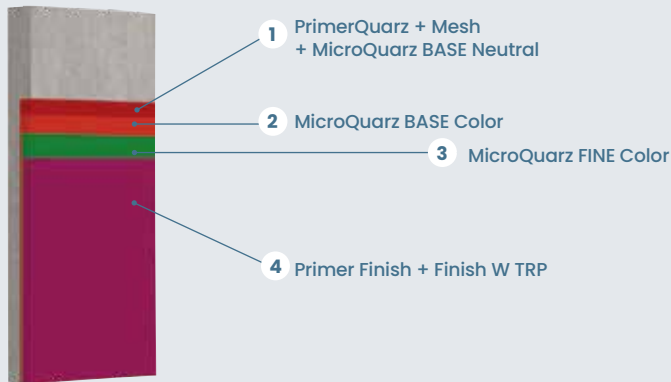
TECHNICAL SHEET: MICROQUARZ CLASSIC

FIELDS OF APPLICATION

It is used as a coating for floors, walls, furniture, etc. where a natural finish is required, with a cement look where water marks are seen or produced by the application, also the possibility of a uniform finish without water.

WALL CONSUMPTION

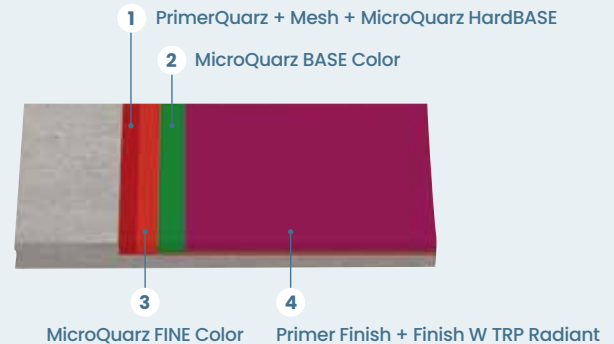
1. PrimerQuarz (0,2 kg/m²) + Mesh + MicroQuarz BASE (1 kg/m²)
2. MicroQuarz BASE Color (0,8 kg/m²) * If a further coat of MicroQuarz BASE Color is required, the following is recommended (0,5 kg/m²)
3. MicroQuarz FINE Color (0,4 kg/m²)
4. Primer Finish (0,08 kg/m²) + Finish W TRP (0,12 kg/m²)



*On substrates with residual humidity, problems of efflorescence between the joints of the ceramic or terrazzo, or combined cement and ceramic, it is recommended to apply a coat of Primer AH with a consumption of 0.2 kg/m² and a minimum drying time of 8 hours, to avoid efflorescence and uniform absorption. Do not apply in the presence of phreatic humidity.

FLOOR CONSUMPTIONS

1. PrimerQuarz (0,2 kg/m²) + Mesh + MicroQuarz HardBASE (1,6 kg/m²)
2. MicroQuarz BASE Color (1,3 kg/m²)
3. MicroQuarz FINE Color (0,4 kg/m²)
4. Primer Finish (0,08 kg/m²) + Finish W TRP Radiant (0,12 kg/m²)



PROPERTIES

- Anti-dust and resistance to pedestrian traffic
- The product does not dry in the bottle
- Easy to clean and maintain
- Ready to use
- Excellent adherence on any support
- Matte, satin and bright finish
- Decorative aspect
- Able to outdoors

TECHNICAL SHEET: MICROQUARZ HYBRID

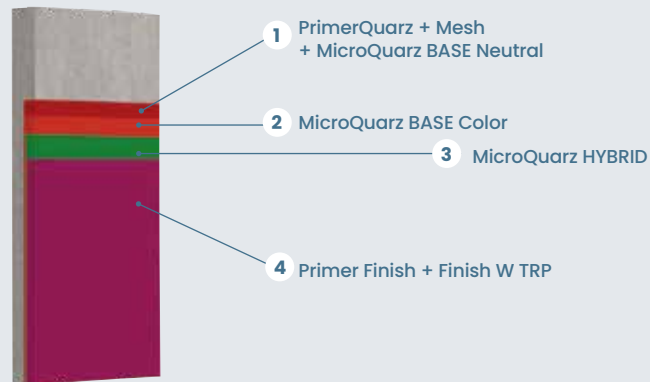


FIELDS OF APPLICATION

It is used for interior and exterior walls.

WALL CONSUMPTION

1. PrimerQuarz (0,2 kg/m²) + Mesh + MicroQuarz BASE (1 kg/m²)
2. MicroQuarz BASE Color (0,8 kg/m²) * If a further coat of MicroQuarz BASE Color is required, the following is recommended (0,5 kg/m²)
3. MicroQuarz HYBRID (0,4 kg/m²)
4. Primer Finish (0,08 kg/m²)



*On substrates with residual humidity, problems of efflorescence between the joints of the ceramic or terrazzo, or combined cement and ceramic, it is recommended to apply a coat of Primer AH with a consumption of 0.2 kg/m² and a minimum drying time of 8 hours, to avoid efflorescence and uniform absorption. Do not apply in the presence of phreatic humidity.

PROPERTIES

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- The product does not dry in the bottle
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- Decorative aspect
- Able to outdoors

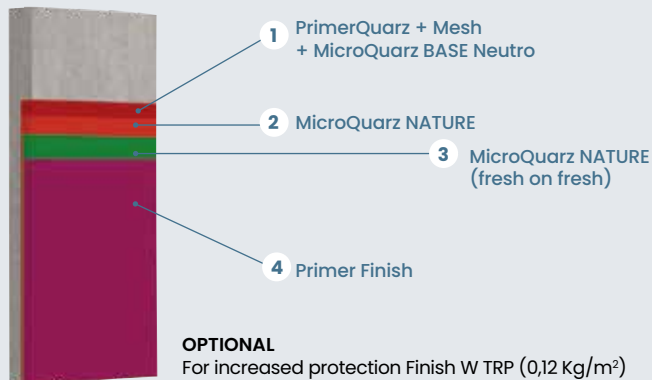
TECHNICAL SHEET: MICROQUARZ NATURE

FIELDS OF APPLICATION

It is used as a covering for walls and floors with moderate traffic, where a decorative appearance of natural cement finish is required, with a feeling of polished concrete. Also, with possibilities of textures and surface designs using the stencil technique.

WALL CONSUMPTION

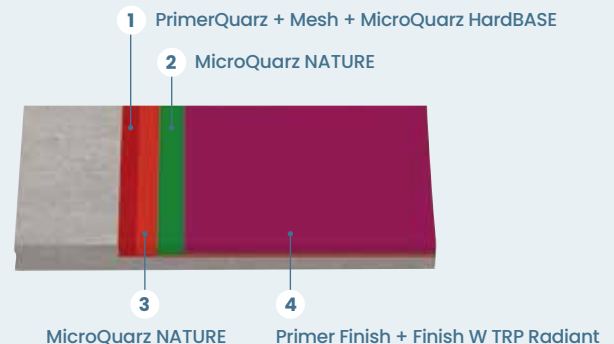
1. PrimerQuarz (0,2 kg/m²) + Mesh + MicroQuarz BASE (1 kg/m²)
2. MicroQuarz NATURE (1,2 kg/m²)
3. MicroQuarz NATURE (1 kg/m²)
4. Primer Finish (0,08 kg/m²)



*On substrates with residual humidity, problems of efflorescence between the joints of the ceramic or terrazzo, or combined cement and ceramic, it is recommended to apply a coat of Primer AH with a consumption of 0.2 kg/m² and a minimum drying time of 8 hours, to avoid efflorescence and uniform absorption. Do not apply in the presence of phreatic humidity.

FLOOR CONSUMPTIONS

1. PrimerQuarz (0,2 kg/m²) + Mesh + MicroQuarz HardBASE (1 kg/m²)
2. MicroQuarz NATURE (1,2 kg/m²)
3. MicroQuarz NATURE (1 kg/m²)
4. Primer Finish (0,08 kg/m²) + Finish W TRP RADIANT (0,12 kg/m²)



PROPERTIES

- Anti-dust and resistance to pedestrian traffic
- The product does not dry in the bottle
- Easy to clean and maintain
- Ready to use
- Excellent adherence on any support
- Matte, satin and bright finish
- Decorative aspect
- Able to outdoors

TECHNICAL SHEET: MICROQUARZ HardTRANSIT

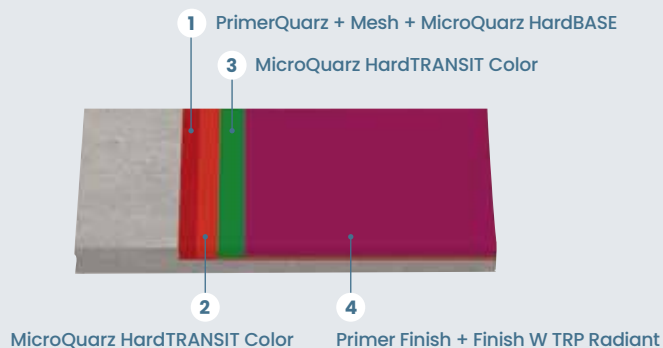


FIELDS OF APPLICATION

It is used as a coating for floors, walls, furniture, etc. where a natural finish is required, with a cement appearance where water marks or marks produced by the application are seen, also the possibility of a uniform finish without water. bado uniforme sin aguas.

CONSUMPTION

1. PrimerQuarz (0,20 kg/m²) + Mesh + MicroQuarz HardBASE (1,60 kg/m²)
2. MicroQuarz HardTRANSIT Color (0,8 kg/m²)
3. MicroQuarz HardTRANSIT Color (0,8 kg/m²)
4. Primer Finish (0,08 kg/m²) + Finish W TRP RADIANT (0,12 kg/m²)



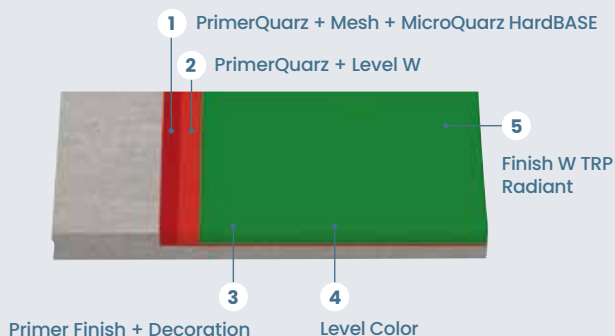
TECHNICAL SHEET: LEVELCOLOR

FIELDS OF APPLICATION

It is used in the decorative field in homes, premises, restaurants, offices, etc. where a distinguished finish is required and resistant to pedestrian traffic. Indoor only.

CONSUMPTION

1. PrimerQuarz (0,2 kg/m²) + MicroQuarz HardBASE (1,6 kg/m²) + Mesh
2. PrimerQuarz (0,2 kg/m²) + Level W (1,5 kg/m²)
3. Primer Finish (0,08 kg/m²)
4. LevelColor (1 kg/m²) (for 1 mm applied with a roller)
ó 2,2 kg/m² (for 2mm trowelled)
5. Finish W TRP Radiant (0,12 kg/m²)



DECORATIVE COATING APPLICATION LevelColor

Whenever possible it is recommended to open the pore by mechanical means (sanding, diamond disc, etc., depending on the need) and apply the products as indicated below. As it is a very fluid and self-leveling product, it is important to protect the limits of the surface to be applied with means of containment such as perimeter formwork.

APPLICATION METHOD FOR DECORATIVE FLOORS

On a level, smooth, consolidated, clean and dry surface, apply **PrimerQuarz** with a medium nap roller on the surface to install the first mesh cutout, and using the "fresh on fresh" technique, place the reinforcement and apply a layer of **MicroQuarz HARDBASE** in the same step.

After 2-3 hours or when the product is dry, sand to eliminate irregularities, vacuum and apply **PrimerQuarz** again with a roller and wait for the product to absorb and begin to dry, approximately two hours. Once this time has elapsed, apply **Level W** with a notched and flat trowel, controlling a thickness of approximately 1-2mm.

After 24 hours or when Level W is dry, apply of **PrimerFinish** with a roller and let it rest for 24 hours. After this time, apply **Level Color** with a roller or with a notched trowel with a short tooth and then pass a spiked roller to remove any trapped air, if necessary.

Twenty-four hours later, apply two coats of **Finish W TRP Radiant** with a 6-8 hours waiting time between coats.

***Check the technical data sheet of the products, to guarantee a correct mixing before application.**

PROPERTIES

- High chemical and mechanical resistance.
- Anti-dust and abrasion resistance.
- Easy to clean and maintain.
- Thickness between 2-3mm and 8mm.
- High decorative aspect.
- Roller and trowel application.
- High impermeability.
- Bright, satin and matte finish.
- RAL color chart.
- Indoor only.

TECHNICAL SHEET: LEVEL TRP

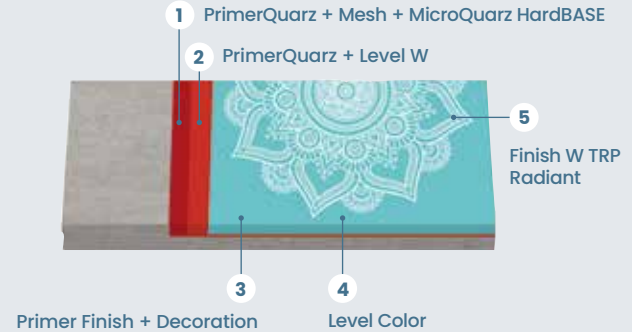


FIELDS OF APPLICATION

It is used as a final decorative coat of continuous pavements. It can be applied over terrazzo pavement, wood tables, top counter, and any element which you wish to decor in horizontal. It creates a hard, transparent, resistant, waterproof coat, that does not yellow, the application is made with a trowel or roller. Indoor.

3D SYSTEM

1. PrimerQuarz (0,2 kg/m²) + Mesh + MicroQuarz HardBASE (1,6 kg/m²)
2. PrimerQuarz (0,2 kg/m²) + Level W (1,5 kg/m²)
3. Primer Finish + decoration, vinyl, etc. (0,08 kg/m²)
4. Level TRP one or two layers depending on thickness (1,1 kg/m²)
5. Finish W TRP Radiant (0,12 kg/m²)



3D SYSTEM APPLICATION

On a clean, dry and moisture-free support, apply a coat of **PrimerQuarz** as a primer, using the fresh-on-fresh technique, place the mesh and apply a coat of **MicroQuarz HARDBASE** with a metal trowel.

When **MicroQuarz HARDBASE** is dry, sand off any imperfections and vacuum, then apply a layer of **PrimerQuarz** and let it dry for an hour and then apply **Level W** with the desired color, using a notched or flat trowel, controlling a thickness of approximately 1-2mm.

After 24 hours or when **Level W** is dry, apply **PrimerFinish** with a roller, 2 hours later you can install a vinyl or decorate the floor with the required technique, inlays of objects, etc. When the decoration is dry and clean, apply one or two **Level TRP** roller coats this procedure is carried out by directly pouring the mixed product (BASE + CATALYST) on the ground and distributing the material with a short-haired microfiber roller, it is very

important not to stretch the product with the roller, but simply to distribute it achieving a consumption of approximately 1,1gr/m², if the product layer is stretched, the material may lose gradeability. For incrustations, apply the product with a notched trowel, avoiding leaving thicknesses greater than 3mm per layer.

Once the desired thickness has been achieved, clean the surface with a mop or microfiber cloth soaked in alcohol and varnish with two roller coats of **Finish W TRP Radiant** (if the **Level TRP** application shows microbubbles, the surface can be sanded with a grit abrasive 240 or higher but only between coats of **Finish W TRP Radiant**).

***Check the technical data sheet of the products, to guarantee a correct mixing before application.**

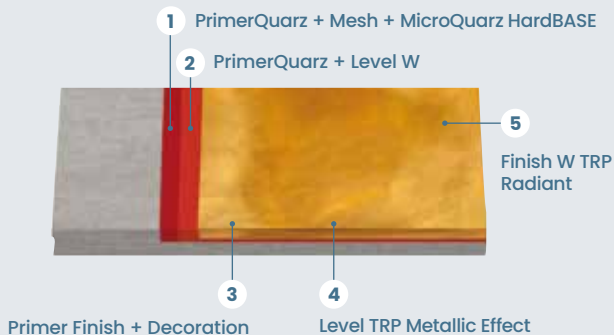
PROPERTIES

- High chemical and mechanical resistance.
- Anti-dust and abrasion resistance.
- Easy to clean and maintain.
- High decorative aspect.
- Application with trowel.
- High impermeability.
- Bright, satin and matte finish.
- Excellent adherence to any support.
- Suitable for indoor use.

TECHNICAL SHEET: LEVEL TRP METALLIC EFFECT

METALLIC EFFECT

1. PrimerQuarz (0,2 kg/m²) + Mesh + MicroQuarz HardBASE (1,6 kg/m²)
2. PrimerQuarz (0,2 kg/m²) + Level W (1,5 kg/m²)
3. Primer Finish (0,08 kg/m²)
4. LevelTRP+ Toner Metallic Effect (1,1 kg/m²)
5. Finish W TRP Radiant (0,12 kg/m²)



LEVEL TRP METALLIC EFFECT APPLICATION:

On a clean, dry and moisture-free support, apply a coat of **PrimerQuarz** as a primer, using the fresh-on-fresh technique place the mesh and apply a coat of **MicroQuarz HARDBASE** with a metallic trowel.

When **MicroQuarz HARDBASE** is dry, sand off any imperfections and vacuum, then apply a layer of **PrimerFinish** and let it dry for an hour and then apply **Level W** with the desired color, using a notched or flat trowel, controlling a thickness of approximately 1-2mm.

After 24 hours or when **Level W** is dry, apply **PrimerFinish** with a roller, when it is completely dry, apply a coat of **Level TRP Metallic Effect** using a roller, this process is carried out by directly pouring the mixed product (Base, toner, metallic effect and catalyst) on the floor and spreading the material with a short-pile microfiber roller, it is very important not to stretch the product with the roller so that it does not lose leveling capacity, but simply distribute it, achieving a consumption of approximately 1,1kg/m², during this procedure complementary colors can be mixed to achieve different decorative effects.

Once dry, clean the surface with an alcohol-impregnated microfiber cloth or mop and varnish (if the **Level TRP** application shows microbubbles, the surface can be sanded with 240 grit abrasive or higher but only between coats of **Finish W TRP Radiant**).





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RESINAS Y MICROCEMENTOS

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