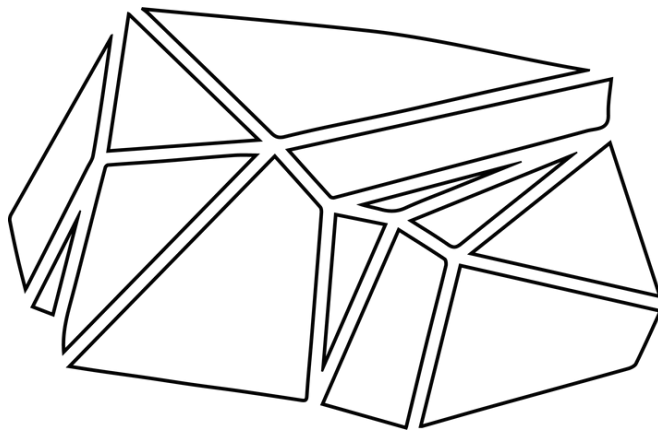


TERRAZZO
G R A N I T E C H

UNITED STATES of AMERICA

TERRAZZO GraniTech Plaster

INSTALLATION INSTRUCTIONS





Application Process

TERRAZZO GraniTech MEDIUM WALL SYSTEM



SUBSTRATE PREPARATION WITH QUARTZ PRIMER

To ensure good adhesion, the application surface must be clean and free from dust, oils, lime, pitch, and decayed elements. Apply a quartz primer to the entire surface where the material will be applied.

Note: Drywall surfaces must be finished to at least Level 4 quality prior to application. This ensures proper adhesion and a smooth final result.



MESH APPLICATION

We apply a 75g fiberglass mesh if deemed necessary on unstable surfaces, such as gypsum board or plastered walls where mesh was not originally applied to the plaster.



MIX PREPARATION

Empty the entire pigment into a 19kg (~ 5 gallon) bucket and mix with a low-speed stirrer (mixer) for 2 minutes. Then fill the pigment bottle with an additional 200ml (6.8 oz) of water to make use of all remaining pigment in the container, and add it to the paste, stirring well for another 2 minutes.

Ensure thorough homogenization of the material with the pigment throughout the bucket and that the material has a thick consistency before starting application.



APPLICATION METHOD

ANYWHERE FROM 1-3 COATS, DEPENDING ON WALL QUALITY LEVEL

Note: A Level 4 wall finish or higher is required for proper application.

Each coat is approximately 1 mm thick, and the entire TERRAZZO GraniTech system remains 1/8" (3 mm) or thinner when complete.

Begin applying the first coat of the material using clean trowels up to 30 cm (11.8"). We recommend the use of 0.5 or 0.6mm stainless steel Bianco Flex or Bianco trowels. Cover the mesh once applied.

After 24 hours and ensuring the first coat has dried, check if sanding is required and apply the second coat of the material if necessary. Leave another 24 hours to ensure the second coat has dried well and sand if necessary. Repeat the process for a third coat if necessary.

Finally, after completing the application of TERRAZZO GraniTech and allowing 48 hours to pass, sand with 80-100 grit sandpaper and clean the surface to apply the varnish.

💡 Allow 48 hours curing time between the last coat of TERRAZZO GraniTech material and varnish application!



VARNISH

X MATTE WATER-BASED VARNISH

RATIO: 9:1 A:B

Mix the contents of component A with the contents of B in a 9:1 ratio using a low-speed mixer until they are well homogenized.

Apply the varnish in one coat for indoor walls, in at least two coats for outdoor areas and areas with increased humidity (e.g., bathroom), with a minimum of 24 hours between each coat.

💡 Use a shorthair mohair roller for proper sealer application!

Finally, we deliver the space for use after 4 days from the final coat. **CAUTION! The varnish reaches its final strength within 14 to 30 days.**



CONSUMPTION

~2.5 kg / m² (5.5 gallons / 10.8 sq ft)



CLEANING

Tools, containers, etc., should be cleaned with water while TERRAZZO Granitech is still wet. After hardening, cleaning should be done only using mechanical means.



RECOMMENDATIONS

The application of TERRAZZO Granitech should be carried out in mild weather conditions. Do not apply in case of imminent rain, high wind levels, or direct sunlight. Avoid applying at temperatures below 12°C (54°F) or above 32°C (89°F), as well as in relative humidity above 70%.

NOTE

Throughout the duration of work in the area, protect the surfaces where TERRAZZO Granitech has been applied with nylon and cardboard. The corrugated side always faces upwards.

The material reaches its final strength within 30 days.

CAUTION with point loads. Protect the floor by placing pads under each piece of furniture or heavy object for proper maintenance of the material and to avoid marks.

Clean the surfaces with any cleaner. If using chlorine, it is recommended to clean the surface again with clean water to remove any residual chlorine. Otherwise, use cleaners with a neutral pH.



Application Process

TERRAZZO GraniTech MEDIUM INTERIOR FLOOR OR WET AREA SYSTEM



SUBSTRATE PREPARATION AND QUARTZ PRIMER APPLICATION

To ensure good adhesion, the application surface must be clean and free from dust, oils, lime, pitch, and decayed elements. Apply a quartz primer to the entire surface where the material will be applied.

Note: If there are joints, one needs to close them using a flexible thinset or similar material. If there are cracks or height gaps those need to be addressed prior to application of TERRAZZO GraniTech.



MESH APPLICATION

Apply a 75g fiberglass mesh to the entire surface where the material will be applied.



MIX PREPARATION

Empty the entire pigment into a 19kg (5 gallon) bucket and mix with a low-speed stirrer (mixer) for 2 minutes. Then fill the pigment bottle with an additional 200ml (6.8 oz) of water to make use of all remaining pigment in the container, and add it to the paste, stirring well for another 2 minutes.

Ensure thorough homogenization of the material with the pigment throughout the bucket and that the material has a thick consistency before starting application.



APPLICATION METHOD 3 COATS

Begin applying the first coat of the material using clean trowels up to 30 cm (11.8"). We recommend the use of 0.5 of 0.6mm stainless steel Bianco Flex or Bianco trowels. Cover the mesh once applied.

After 24 hours and ensuring the first coat has dried, check if sanding is required and apply the second coat of the material. Leave another 24 hours to ensure the second coat has dried well and sand if necessary. Repeat the process for the third coat.

Finally, after completing the application of TERRAZZO GraniTech and allowing 48 hours to pass, sand with 120-320 grit sandpaper and clean the surface to apply the varnish.

💡 Allow 48 hours curing time between the last coat of TERRAZZO GraniTech material and varnish application!



ARMOURCOAT PU (SINGLE-COMPONENT) & ARMOURCOAT PU (TWO-COMPONENT) ANTISLIP MATTE

Ratio: 5:25:1 A:B for the matte sealer

Mix thoroughly using a low-speed stirrer until the material is fully homogenized. Ensure that any sediment settled at the bottom of the bucket is completely incorporated.

- Apply the single-component varnish crosswise in at least one or two coats, with a 24-hour interval between each coat.
- Apply the anti-slip matte sealer as the last coat of sealer, in a 5.25:1 ratio. Deliver the area for use after 2-4 days from the final coat for light traffic. 💡 Use a shorthair mohair roller for proper sealer application!

CAUTION! Protect with corrugated boards for several days! The varnish reaches its final strength within 14 to 30 days.



CONSUMPTION

~2.5 Kg / m² (6.6 gallons / 10.8 sq ft)



CLEANING

Tools, containers, etc., should be cleaned with water while TERRAZZO Granitech is still wet. After hardening, cleaning should be done only using mechanical means.



RECOMMENDATIONS

The application of TERRAZZO Granitech should be carried out in mild weather conditions. Do not apply in case of imminent rain, high wind levels, or direct sunlight. Avoid applying at temperatures below 12°C (54°F) or above 32°C (89°F), as well as in relative humidity above 70%.

NOTE

Curing and Protection Guidelines:

💡 No foot traffic should occur for at least 48–72 hours after application.

Protect the surface with corrugated board or equivalent for the next 14–30 days to allow for full curing. Throughout the duration of work in the area, protect the surfaces where TERRAZZO Granitech has been applied with nylon and cardboard. The corrugated side always faces upwards.

The material reaches its final strength within 30 days.

During this time, limit traffic to light use only.

Do not drag furniture, place heavy objects, or apply point pressure, as this may damage the surface before it fully hardens.

CAUTION with point loads. Protect the floor by placing pads under each piece of furniture or heavy object for proper maintenance of the material and to avoid marks.

Clean the surfaces with any cleaner. If using bleach or other strong chemicals, it is recommended to clean the surface again with clean water to remove any residual bleach. Otherwise, use cleaners with a neutral pH.



Application Process

TERRAZZO GraniTech MEDIUM OUTDOOR SYSTEM



SUBSTRATE PREPARATION & EPOXY PRIMER, FIBERGLASS MESH AND 20/40 GRADE SILICA SAND BROADCASTING

To ensure good adhesion, the application surface must be clean and free from dust, oils, lime, pitch, and decayed elements.

Note: All joints must be sealed using a flexible thinset or equivalent material. Any cracks, uneven areas, or height variations must be properly repaired before applying TERRAZZO GraniTech to ensure long-lasting performance and a flawless finish.

- Apply epoxy primer and lay down 75g fiberglass mesh before it dries, allowing us to walk on it wearing spiked shoes and apply a hail finish on the wet surface.
- After 24 hours, we sweep off any excess sand from the entire surface and sand smooth with 120/320 grit sandpaper where needed. Finally, we remove any remaining sand residues with an electric vacuum cleaner.



MIX PREPARATION

Epoxy Primer Mixing Instructions

Mix Component A and Component B of the epoxy primer in a 3:1 ratio (A:B), unless otherwise specified on the product containers. Ensure a thorough and even mix to activate the chemical reaction properly. Only prepare the quantity you can apply immediately, as the components begin to react and cure as soon as they are combined.

Coverage: Approximately 10.6 oz per 10.8 sq. ft. (equivalent to 300 g/m²).

TERRAZZO GraniTech Mixing Instructions: Empty the entire pigment into a 19kg (5 gallon) bucket and mix with a low-speed stirrer (mixer) for 2 minutes. Then fill the pigment bottle with an additional 200ml (6.8 oz) of water to make use of all remaining pigment in the container, and add it to the paste, stirring well for another 2 minutes.

Ensure thorough homogenization of the material with the pigment throughout the bucket and that the material has a thick consistency before starting application.



APPLICATION METHOD 3 COATS

Begin applying the first coat of the material using clean trowels up to 30 cm (11.8"). We recommend the use of 0.5 or 0.6mm stainless steel Bianco Flex or Bianco trowels. Cover the mesh once applied.

After 24 hours and ensuring the first coat has dried, check if sanding is required and apply the second coat of the material. Leave another 24 hours to ensure the second coat has dried well and sand if necessary. Repeat the process for the third coat.

Finally, after completing the application of TERRAZZO Granitech and allowing 48 hours to pass, sand with 120-320 grit sandpaper and clean the surface to apply the varnish.

💡 Allow 48 hours curing time between the last coat of TERRAZZO GraniTech material and varnish application!



ARMOURCOAT PU (SINGLE-COMPONENT) & ARMOURCOAT PU (TWO-COMPONENT) ANTI-SLIP MATTE

Ratio: 5:25:1 A:B for the anti-slip matte sealer

Mix thoroughly using a low-speed stirrer until the material is fully homogenized. Ensure that any sediment settled at the bottom of the bucket is completely incorporated.

- Apply the single-component varnish crosswise in at least one or two coats, with a 24-hour interval between each coat.
- Apply the anti-slip matte sealer as the last coat of sealer, in a 5.25:1 ratio. Deliver the area for use after 2-4 days from the final coat for light traffic. 💡 Use a shorthair mohair roller for proper sealer application!

CAUTION! Protect with corrugated boards for several days! The varnish reaches its final strength within 14 to 30 days.



CONSUMPTION

~2.5 - 3.0 Kg / m² (5.5 - 6.6 gallons / 10.8 sq ft)



CLEANING

Tools, containers, etc., should be cleaned with water while TERRAZZO Granitech is still wet. After hardening, cleaning should be done only using mechanical means.



RECOMMENDATIONS

The application of TERRAZZO Granitech should be carried out in mild weather conditions. Do not apply in case of imminent rain, high wind levels, or direct sunlight. Avoid applying at temperatures below 12°C (54°F) or above 32°C (89°F), as well as in relative humidity above 70%.

NOTE

Curing and Protection Guidelines:

💡 No foot traffic should occur for at least 48–72 hours after application.

Protect the surface with corrugated board or equivalent for the next 14–30 days to allow for full curing. Throughout the duration of work in the area, protect the surfaces where TERRAZZO Granitech has been applied with nylon and cardboard. The corrugated side always faces upwards.

The material reaches its final strength within 30 days.

During this time, limit traffic to light use only.

Do not drag furniture, place heavy objects, or apply point pressure, as this may damage the surface before it fully hardens.

CAUTION with point loads. Protect the floor by placing pads under each piece of furniture or heavy object for proper maintenance of the material and to avoid marks.

Clean the surfaces with any cleaner. If using bleach or other strong chemicals, it is recommended to clean the surface again with clean water to remove any residual bleach. Otherwise, use cleaners with a neutral pH.



Application Process

TERRAZZO GraniTech FINE WALL SYSTEM



SUBSTRATE PREPARATION

Follow the steps of the TERRAZZO GraniTech Medium application system, applying one or two coats. Then sand thoroughly using a 220 grit paper and clean with a vacuum cleaner. We recommend application of TERRAZZO GraniTech Medium and Fine with a stainless steel beveled Bianco trowel.

Note: Drywall surfaces must be finished to at least Level 4 quality prior to application. This ensures proper adhesion and a smooth final result, as well as material consumption within measured quantities.



MIX PREPARATION

Empty the entire pigment into a 10kg (~2.65 gallons) bucket and mix with a low-speed stirrer (mixer) for 2 minutes. Then fill the pigment bottle with an additional 200ml (6.8 oz) of water to make use of all remaining pigment in the container, and add it to the paste, stirring well for another 2 minutes.

Ensure thorough homogenization of the material with the pigment throughout the bucket and that the material has a thick consistency before starting application.



APPLICATION METHOD

1 COAT OF TERRAZZO GRANITECH FINE FINISH, PRECEDED BY 2 COATS OF TERRAZZO GRANITECH MEDIUM FINISH

Trowel Recommendation & Surface Preparation

Begin applying the first coat of the material using clean trowels up to 30 cm (11.8"). We recommend the use of 0.5 of 0.6mm stainless steel Bianco Flex or Bianco trowels. Cover the mesh once applied.

Before applying the fine coat, ensure the preceding medium-finish layers are perfectly smooth. Carefully eliminate any bumps or irregularities, as these can catch the material during application and cause visible black streaks or imperfections.

💡 Allow 48 hours curing time between the last coat of TERRAZZO GraniTech material and varnish application!



VARNISH

X MATTE WATER-BASED VARNISH

RATIO: 9:1 A:B

Mix the contents of component A with the contents of B in a 9:1 ratio using a low-speed mixer until they are well homogenized.

Apply the varnish in one coat for indoor walls, in at least two coats for outdoor areas and areas with increased humidity (e.g., bathroom), with a minimum of 24 hours between each coat.

💡 Use a shorthair mohair roller for proper sealer application!

Finally, we deliver the space for use after 4 days from the final coat. CAUTION! The varnish reaches its final strength within 14 to 30 days.



CONSUMPTION

—2.0 - 2.5 Kg / m² (4.4 - 5.5 gallons / 10.8 sq ft) Medium finish and 450g / m² (16 oz / 10.8 sq ft) of Fine finish.



CLEANING

Tools, containers, etc., should be cleaned with water while TERRAZZO Granitech is still wet. After hardening, cleaning should be done only using mechanical means.



RECOMMENDATIONS

The application of TERRAZZO Granitech should be carried out in mild weather conditions. Do not apply in case of imminent rain, high wind levels, or direct sunlight. Avoid applying at temperatures below 12°C (54°F) or above 32°C (89°F), as well as in relative humidity above 70%.

NOTE

Throughout the duration of work in the area, protect the surfaces where TERRAZZO Granitech has been applied with nylon and cardboard. The corrugated side always faces upwards.

The material reaches its final strength within 30 days.

CAUTION with point loads. Protect the floor by placing pads under each piece of furniture or heavy object for proper maintenance of the material and to avoid marks.

Clean the surfaces with any cleaner. If using bleach or other strong chemicals, it is recommended to clean the surface again with clean water to remove any residual bleach. Otherwise, use cleaners with a neutral pH.



Application Process

TERRAZZO GraniTech FINE INTERIOR FLOOR OR WET AREA SYSTEM

Note: Apply two coats of TERRAZZO GraniTech Medium first, on consecutive days and sand well between coats. Then apply TERRAZZO GraniTech Fine finish using clean trowels up to 30 cm (11.8"). We recommend the use of 0.5 or 0.6mm stainless steel Bianco Flex or Bianco trowels.



SUBSTRATE PREPARATION

Follow the steps of the TERRAZZO GraniTech MEDIUM application system for two coats. Sand thoroughly between coats (~220 grit) and clean with a vacuum cleaner.



MIX PREPARATION

Empty the entire pigment into the 10kg (~2.65 gallons) bucket and mix with a low-speed stirrer (mixer) for 2 minutes. Then fill the pigment bottle with an additional 200ml (6.8 oz) of water to make use of all remaining pigment in the container, and add it to the paste, stirring well for another 2 minutes.

Ensure thorough homogenization of the material with the pigment throughout the bucket and that the material has a thick consistency before starting application.



APPLICATION METHOD

1 COAT OF TERRAZZO GRANITECH FINE FINISH, PRECEDED BY 2 COATS OF TERRAZZO GRANITECH MEDIUM FINISH

Trowel Recommendation & Surface Preparation

Begin applying the first coat of the material using clean trowels up to 30 cm (11.8"). We recommend the use of 0.5 or 0.6mm stainless steel Bianco Flex or Bianco trowels. Cover the mesh once applied.

Before applying the fine coat, ensure the preceding medium-finish layers are perfectly smooth. Carefully eliminate any bumps or irregularities, as these can catch the material during application and cause visible black streaks or imperfections.

💡 Allow 48 hours curing time between the last coat of TERRAZZO GraniTech material and varnish application!



ARMOURCOAT PU (SINGLE-COMPONENT) & ARMOURCOAT PU (TWO-COMPONENT) ANTISLIP MATTE

Ratio: 5:25:1 A:B for the anti-slip matte sealer

Mix thoroughly using a low-speed stirrer until the material is fully homogenized. Ensure that any sediment settled at the bottom of the bucket is completely incorporated.

- Apply the single-component varnish crosswise in at least one or two coats, with a 24-hour interval between each coat.
- Apply the anti-slip matte sealer as the last coat of sealer, in a 5.25:1 ratio. Deliver the area for use after 2-4 days from the final coat for light traffic. 💡 Use a shorthair mohair roller for proper sealer application!

CAUTION! Protect with corrugated boards for several days! The varnish reaches its final strength within 14 to 30 days.



CONSUMPTION

—2.0 - 2.5 Kg / m² (4.4 - 5.5 gallons / 10.8 sq ft) Medium finish and 450g / m² (16 oz / 10.8 sq ft) of Fine finish.



CLEANING

Tools, containers, etc., should be cleaned with water while TERRAZZO Granitech is still wet. After hardening, cleaning should be done only using mechanical means.



RECOMMENDATIONS

The application of TERRAZZO Granitech should be carried out in mild weather conditions. Do not apply in case of imminent rain, high wind levels, or direct sunlight. Avoid applying at temperatures below 12°C (54°F) or above 32°C (89°F), as well as in relative humidity above 70%.

NOTE

Curing and Protection Guidelines:

💡 No foot traffic should occur for at least 48–72 hours after application.

Protect the surface with corrugated board or equivalent for the next 14–30 days to allow for full curing. Throughout the duration of work in the area, protect the surfaces where TERRAZZO Granitech has been applied with nylon and cardboard. The corrugated side always faces upwards.

The material reaches its final strength within 30 days.

During this time, limit traffic to light use only.

Do not drag furniture, place heavy objects, or apply point pressure, as this may damage the surface before it fully hardens.

CAUTION with point loads. Protect the floor by placing pads under each piece of furniture or heavy object for proper maintenance of the material and to avoid marks.

Clean the surfaces with any cleaner. If using bleach or other strong chemicals, it is recommended to clean the surface again with clean water to remove any residual bleach. Otherwise, use cleaners with a neutral pH.



Application Process

TERRAZZO GraniTech FINE OUTDOOR FLOOR SYSTEM



SUBSTRATE PREPARATION

Follow the steps of the MEDIUM outdoor application system, applying two coats of medium on consecutive days. Sand thoroughly between coats and clean with a vacuum cleaner.



MIX PREPARATION

Empty the entire pigment into a 10kg (2.65 gal) bucket and mix with a low-speed stirrer (mixer) for 2 minutes. Then fill the pigment bottle with an additional 200ml (6.8 oz) of water to make use of all remaining pigment in the container, and add it to the paste, stirring well for another 2 minutes.

Ensure thorough homogenization of the material with the pigment throughout the bucket and that the material has a thick consistency before starting application.



APPLICATION METHOD

1 COAT OF TERRAZZO GRANITECH FINE FINISH, PRECEDED BY 2 COATS OF TERRAZZO GRANITECH MEDIUM FINISH

Trowel Recommendation & Surface Preparation

Begin applying the first coat of the material using clean trowels up to 30 cm (11.8"). We recommend the use of 0.5 of 0.6mm stainless steel Bianco Flex or Bianco trowels. Cover the mesh once applied.

Before applying the fine coat, ensure the preceding medium-finish layers are perfectly smooth. Carefully eliminate any bumps or irregularities, as these can catch the material during application and cause visible black streaks or imperfections.

💡 Allow 48 hours curing time between the last coat of TERRAZZO GraniTech material and varnish application!



ARMOURCOAT PU (SINGLE-COMPONENT) & ARMOURCOAT PU (TWO-COMPONENT) ANTI-SLIP MATTE

Ratio: 5:25:1 A:B for the anti-slip matte sealer

Mix thoroughly using a low-speed stirrer until the material is fully homogenized. Ensure that any sediment settled at the bottom of the bucket is completely incorporated.

- Apply the single-component varnish crosswise in at least one or two coats, with a 24-hour interval between each coat.
- Apply the anti-slip matte sealer as the last coat of sealer, in a 5.25:1 ratio. Deliver the area for use after 2-4 days from the final coat for light traffic. 💡 Use a shorthair mohair roller for proper sealer application!

CAUTION! Protect with corrugated boards for several days! The varnish reaches its final strength within 14 to 30 days.



CONSUMPTION

—2 - 2.5 Kg / m² (4.4 - 5.5 gallons / 10.8 sq ft) Medium finish and 450g / m² (16 oz / 10.8 sq ft) of Fine finish.



CLEANING

Tools, containers, etc., should be cleaned with water while TERRAZZO Granitech is still wet. After hardening, cleaning should be done only using mechanical means.



RECOMMENDATIONS

The application of TERRAZZO Granitech should be carried out in mild weather conditions. Do not apply in case of imminent rain, high wind levels, or direct sunlight. Avoid applying at temperatures below 12°C (54°F) or above 32°C (89°F), as well as in relative humidity above 70%.

NOTE:

Curing and Protection Guidelines:

💡 No foot traffic should occur for at least 48–72 hours after application.

Protect the surface with corrugated board or equivalent for the next 14–30 days to allow for full curing. Throughout the duration of work in the area, protect the surfaces where TERRAZZO Granitech has been applied with nylon and cardboard. The corrugated side always faces upwards.

The material reaches its final strength within 30 days.

During this time, limit traffic to light use only.

Do not drag furniture, place heavy objects, or apply point pressure, as this may damage the surface before it fully hardens.

CAUTION with point loads. Protect the floor by placing pads under each piece of furniture or heavy object for proper maintenance of the material and to avoid marks.

Clean the surfaces with any cleaner. If using bleach or other strong chemicals, it is recommended to clean the surface again with clean water to remove any residual bleach. Otherwise, use cleaners with a neutral pH.



Application Process

MICROTERRAZZO 600Q WALL SYSTEM



SUBSTRATE PREPARATION WITH QUARTZ PRIMER

To ensure good adhesion, the application surface must be clean and free from dust, oils, lime, pitch, and decayed elements. Apply a quartz primer to the entire surface where the material will be applied.

Note: Drywall surfaces must be finished to at least Level 4 quality prior to application. This ensures proper adhesion and a smooth final result, as well as material consumption within measured quantities.



MESH APPLICATION

We apply a 75g fiberglass mesh if deemed necessary on unstable surfaces, such as gypsum board or plastered walls where mesh was not originally applied to the plaster.



MIX PREPARATION

Empty the entire pigment into a 22kg (~5.8 gallons) bucket and mix with a low-speed stirrer (mixer) for 2 minutes. Then fill the pigment bottle with an additional 200ml (6.8 oz) of water to make use of all remaining pigment in the container, and add it to the paste, stirring well for another 2 minutes.

Ensure thorough homogenization of the material with the pigment throughout the bucket and that the material has a thick consistency before starting application.



APPLICATION METHOD

1 OR 2 COATS, DEPENDING ON WALL CONDITION

Begin applying the first coat of the material using clean trowels up to 30 cm (11.8"). We recommend the use of 0.5 or 0.6mm stainless steel Bianco Flex or Bianco trowels. Cover the mesh once applied.

After 24 hours and ensuring the first coat has dried, check if sanding is required and apply the second coat of the material. Leave another 24 hours to ensure the second coat has dried well and sand if necessary.

Finally, after completing the application of TERRAZZO Granitech and allowing 48 hours to pass, sand with 120-320 grit sandpaper and clean the surface to apply the varnish.

💡 Allow 48 hours curing time between the last coat of TERRAZZO GraniTech material and varnish application!



X MATTE WATER-BASED VARNISH

RATIO: 9:1 A:B

Mix the contents of component A with the contents of B in a 9:1 ratio using a low-speed mixer until they are well homogenized.

Apply the varnish in one coat for indoor walls, in at least two coats for outdoor areas and areas with increased humidity (e.g., bathroom), with a minimum of 24 hours between each coat.

💡 Use a shorthair mohair roller for proper sealer application!

Finally, we deliver the space for use after 4 days from the final coat. CAUTION! The varnish reaches its final strength within 14 to 30 days.



CONSUMPTION

-2,1 -4,5Kg/m² (4.6 gallons – 9.9 gallons / 10.8 sq ft) - Depending on wall condition and number of coats.



CLEANING

Tools, containers, etc., should be cleaned with water while TERRAZZO Granitech is still wet. After hardening, cleaning should be done only using mechanical means.



RECOMMENDATIONS

The application of TERRAZZO Granitech should be carried out in mild weather conditions. Do not apply in case of imminent rain, high wind levels, or direct sunlight. Avoid applying at temperatures below 12°C (54°F) or above 32°C (89°F), as well as in relative humidity above 70%.

Curing and Protection Guidelines:

💡 No foot traffic should occur for at least 48–72 hours after application.

Protect the surface with corrugated board or equivalent for the next 14–30 days to allow for full curing. Throughout the duration of work in the area, protect the surfaces where TERRAZZO Granitech has been applied with nylon and cardboard. The corrugated side always faces upwards.

The material reaches its final strength within 30 days.

During this time, limit traffic to light use only.

Do not drag furniture, place heavy objects, or apply point pressure, as this may damage the surface before it fully hardens.

CAUTION with point loads. Protect the floor by placing pads under each piece of furniture or heavy object for proper maintenance of the material and to avoid marks.

Clean the surfaces with any cleaner. If using bleach or other strong chemicals, it is recommended to clean the surface again with clean water to remove any residual bleach. Otherwise, use cleaners with a neutral pH.



Application Process

MICROTERRAZZO 600Q OUTDOOR SYSTEM



SUBSTRATE PREPARATION & EPOXY PRIMER, FIBERGLASS MESH AND 20/40 GRADE SILICA SAND BROADCASTING

To ensure good adhesion, the application surface must be clean and free from dust, oils, lime, pitch, and decayed elements.

Note: All joints must be sealed using a flexible thinset or equivalent material. Any cracks, uneven areas, or height variations must be properly repaired before applying TERRAZZO GraniTech to ensure long-lasting performance and a flawless finish.

- Apply epoxy primer and lay down 75g fiberglass mesh before it dries, allowing us to walk on it wearing spiked shoes and apply a hail finish on the wet surface.
- After 24 hours, we sweep off any excess sand from the entire surface and sand smooth with 120/320 grit sandpaper where needed. Finally, we remove any remaining sand residues with an electric vacuum cleaner.



MIX PREPARATION

Epoxy Primer Mixing Instructions

Mix Component A and Component B of the epoxy primer in a 3:1 ratio (A:B), unless otherwise specified on the product containers. Ensure a thorough and even mix to activate the chemical reaction properly. Only prepare the quantity you can apply immediately, as the components begin to react and cure as soon as they are combined.

Coverage: Approximately 10.6 oz per 10.8 sq. ft. (equivalent to 300 g/m²).

TERRAZZO GraniTech Mixing Instructions: Empty the entire pigment into a 19kg bucket and mix with a low-speed stirrer (mixer) for 2 minutes. Then fill the pigment bottle with an additional 200ml (6.8 oz) of water to make use of all remaining pigment in the container, and add it to the paste, stirring well for another 2 minutes.

Ensure thorough homogenization of the material with the pigment throughout the bucket and that the material has a thick consistency before starting application.



APPLICATION METHOD 2 COATS

Begin applying the first coat of the material using clean trowels up to 30 cm (11.8"). We recommend the use of 0.5 of 0.6mm stainless steel Bianco Flex or Bianco trowels. Cover the mesh once applied.

Allow 24 hours curing time, assuming room temperature, to ensure the second coat has dried well and sand if necessary.

Finally, after completing the application of TERRAZZO GraniTech and allowing 48 hours to pass, sand with 120-320 grit sandpaper and clean the surface to apply the varnish.

💡 Allow 48 hours curing time between the last coat of TERRAZZO GraniTech material and varnish application!



ARMOURCOAT PU (SINGLE-COMPONENT) & ARMOURCOAT PU (TWO-COMPONENT) ANTI-SLIP MATTE

Ratio: 5:25:1 A:B for the anti-slip matte sealer

Mix thoroughly using a low-speed stirrer until the material is fully homogenized. Ensure that any sediment settled at the bottom of the bucket is completely incorporated.

- Apply the single-component varnish crosswise in at least one or two coats, with a 24-hour interval between each coat.
- Apply the anti-slip matte sealer as the last coat of sealer, in a 5.25:1 ratio. Deliver the area for use after 2-4 days from the final coat for light traffic. 💡 Use a shorthair mohair roller for proper sealer application!

CAUTION! Protect with corrugated boards for several days! The varnish reaches its final strength within 14 to 30 days.



CONSUMPTION

-4 -4,5Kg/m² (8.8 gallons – 9.9 gallons / 10.8 sq ft)



CLEANING

Tools, containers, etc., should be cleaned with water while TERRAZZO Granitech is still wet. After hardening, cleaning should be done only using mechanical means.



RECOMMENDATIONS

The application of TERRAZZO Granitech should be carried out in mild weather conditions. Do not apply in case of imminent rain, high wind levels, or direct sunlight. Avoid applying at temperatures below 12°C (54°F) or above 32°C (90°F), as well as in relative humidity above 70%.

Curing and Protection Guidelines:

💡 No foot traffic should occur for at least 48–72 hours after application.

Protect the surface with corrugated board or equivalent for the next 14–30 days to allow for full curing. Throughout the duration of work in the area, protect the surfaces where TERRAZZO Granitech has been applied with nylon and cardboard. The corrugated side always faces upwards.

The material reaches its final strength within 30 days.

During this time, limit traffic to light use only.

Do not drag furniture, place heavy objects, or apply point pressure, as this may damage the surface before it fully hardens.

CAUTION with point loads. Protect the floor by placing pads under each piece of furniture or heavy object for proper maintenance of the material and to avoid marks.

Clean the surfaces with any cleaner. If using bleach or other strong chemicals, it is recommended to clean the surface again with clean water to remove any residual bleach. Otherwise, use cleaners with a neutral pH.



Application Process

MICROTERRAZZO 600Q

INTERIOR FLOOR OR WET AREA SYSTEM



SUBSTRATE PREPARATION AND QUARTZ PRIMER APPLICATION

To ensure proper adhesion, the application surface must be clean, dry, and free of dust, oils, lime, pitch, and any loose or decayed materials. The substrate must be smooth, stable, and free of cracks.

Tiles must be firmly bonded—no hollow or loose tiles are acceptable. A quartz-based primer must be applied uniformly over the entire surface.

Note: All joints must be sealed using a flexible thinset or equivalent material. Any cracks, uneven areas, or height variations must be properly repaired before applying TERRAZZO GraniTech to ensure a flawless finish.



MIX PREPARATION

Empty the entire pigment into a 22kg (~5.8 gallon) bucket and mix with a low speed stirrer (mixer) for 2 minutes. Then fill the pigment bottle with an additional 200ml (6.8 oz) of water to make use of all remaining pigment in the container, and add it to the material, stirring well for another 2 minutes.

Ensure thorough homogenization of the material with the pigment throughout the bucket and that the material has a thick consistency before starting application.



MESH APPLICATION

We apply a 75g fiberglass mesh if deemed necessary on unstable surfaces, such as gypsum board or plastered walls where mesh was not originally applied to the plaster.



APPLICATION METHOD

2 COATS

Begin applying the first coat of the material using clean trowels up to 30cm (11.8"). We recommend the use of 0.5 or 0.6mm stainless steel Bianco Flex or Bianco trowel. Cover the mesh once applied. After 24 hours and ensuring the first coat has dried, check if sanding is required and apply the second coat of the material.

Leave another 24 hours to ensure the second coat has dried well and sand if necessary. Repeat the process for the third coat.

Finally, after completing the application of TERRAZZO GraniTech and allowing 48 hours to pass, sand with 120-320 grit sandpaper and clean the surface to apply the varnish.

💡 Allow 48 hours curing time between the last coat of TERRAZZO GraniTech material and varnish application!



ARMOURCOAT PU (SINGLE-COMPONENT) & ARMOURCOAT PU (TWO-COMPONENT) ANTI-SLIP MATTE

Ratio: 5:25:1 A:B for the anti-slip matte sealer

Mix thoroughly using a low-speed stirrer until the material is fully homogenized. Ensure that any sediment settled at the bottom of the bucket is completely incorporated.

- Apply the single-component varnish crosswise in at least one or two coats, with a 24-hour interval between each coat.
- Apply the anti-slip matte sealer as the last coat of sealer, in a 5.25:1 ratio. Deliver the area for use after 2-4 days from the final coat for light traffic. 💡 Use a shorthair mohair roller for proper sealer application!

CAUTION! Protect with corrugated boards for several days! The varnish reaches its final strength within 14 to 30 days.



CONSUMPTION

-4 -4,5Kg/m² (8.8 gallons – 9.9 gallons / 10.8 sq ft)



CLEANING

Tools, containers, etc., should be cleaned with water while TERRAZZO Granitech is still wet. After hardening, cleaning should be done only using mechanical means.



RECOMMENDATIONS

The application of TERRAZZO Granitech should be carried out in mild weather conditions. Do not apply in case of imminent rain, high wind levels, or direct sunlight. Avoid applying at temperatures below 12°C (54°F) or above 32°C (90°F), as well as in relative humidity above 70%.

Curing and Protection Guidelines:

💡 No foot traffic should occur for at least 48–72 hours after application.

Protect the surface with corrugated board or equivalent for the next 14–30 days to allow for full curing. Throughout the duration of work in the area, protect the surfaces where TERRAZZO Granitech has been applied with nylon and cardboard. The corrugated side always faces upwards.

The material reaches its final strength within 30 days.

During this time, limit traffic to light use only.

Do not drag furniture, place heavy objects, or apply point pressure, as this may damage the surface before it fully hardens.

CAUTION with point loads. Protect the floor by placing pads under each piece of furniture or heavy object for proper maintenance of the material and to avoid marks.

Clean the surfaces with any cleaner. If using bleach or other strong chemicals, it is recommended to clean the surface again with clean water to remove any residual bleach. Otherwise, use cleaners with a neutral pH.



Application Process

POOL INTERIOR SYSTEM

Note:

Pool interior instructions are identical to those of our outdoor systems, with one key difference: Instead of the standard polyurethane sealer, a specialized aliphatic polyaspartic polyurethane pool sealer is used as the final step.

This high-performance sealer:

- Cures rapidly, allowing for multiple coats to be applied on the same day
 - This speeds up project timelines and reduces labor costs

All other steps—including substrate preparation, application of base and medium coats, and use of fiberglass mesh—remain the same as outlined for outdoor surfaces.



SUBSTRATE PREPARATION & EPOXY PRIMER, FIBERGLASS MESH AND 20/40 GRADE SILICA SAND BROADCASTING

To ensure good adhesion, the application surface must be clean and free from dust, oils, lime, pitch, and decayed elements.

Note: All joints must be sealed using a flexible thinset or equivalent material. Any cracks, uneven areas, or height variations must be properly repaired before applying TERRAZZO GraniTech to ensure long-lasting performance and a flawless finish.

- Apply epoxy primer and lay down 75g fiberglass mesh before it dries, allowing us to walk on it wearing spiked shoes and apply a hail finish on the wet surface.
- After 24 hours, we sweep off any excess sand from the entire surface and sand smooth with 120-320 grit sandpaper where needed. Finally, we remove any remaining sand residues with an electric vacuum cleaner.



MIX PREPARATION

Epoxy Primer Mixing Instructions

Mix Component A and Component B of the epoxy primer in a 3:1 ratio (A:B), unless otherwise specified on the product containers. Ensure a thorough and even mix to activate the chemical reaction properly. Only prepare the quantity you can apply immediately, as the components begin to react and cure as soon as they are combined.

Coverage: Approximately 10.6 oz per 10.8 sq. ft. (equivalent to 300 g/m²).

TERRAZZO GraniTech Mixing Instructions: Empty the entire pigment into the TERRAZZO GraniTech bucket and mix with a low-speed stirrer (mixer) for 2 minutes. Then fill the pigment bottle with an additional 200ml (6.8 oz) of water to make use of all remaining pigment in the container, and add it to the paste, stirring well for another 2 minutes.

Ensure thorough homogenization of the material with the pigment throughout the bucket and that the material has a thick consistency before starting application.



APPLICATION GUIDELINES BY FINISH

TERRAZZO GraniTech Medium: Apply 3 coats on consecutive days for optimal build and uniformity.

TERRAZZO GraniTech Fine: Begin with 2 coats of TERRAZZO GraniTech Medium, followed by 1 final coat of Fine to achieve a smooth, refined surface.

MicroTerrazzo 600Q: Apply 2 coats on consecutive days, ensuring even distribution and a consistent finish.

💡 Allow 48 hours curing time between the last coat of TERRAZZO GraniTech material and varnish application!





VARNISH

ALIPHATIC POLYASPARTIC POLYURETHANE SYSTEM

💡 Allow 48 hours curing time between the last coat of TERRAZZO GraniTech material and varnish application! We use a high-performance, two-component polyaspartic polyurethane system specifically developed for pool applications:

Base Chemistry: Aliphatic polyaspartic polyurethane system

Two Components: Component A – a solvent-free polyaspartic resin offering UV resistance and flexibility.

Component B – an aliphatic polyisocyanate hardener, formulated with xylene and methoxypropyl acetate to enable deep penetration into the substrate

Key Properties:

- Fully waterproof and UV-resistant
- High surface hardness and chemical resistance
- Excellent adhesion to concrete, screed, and TERRAZZO GraniTech surfaces

Application: Applied in thin layers, with rapid curing and a seamless protective film. Multiple layers can be applied on the same day, shortening project timelines and lowering labor costs!



CONSUMPTION

Review consumption rates for outdoor system depending on chosen finish.



CLEANING

Tools, containers, etc., should be cleaned with water while TERRAZZO Granitech is still wet. After hardening, cleaning should be done only using mechanical means.



RECOMMENDATIONS

Tools, containers, etc., should be cleaned with water while TERRAZZO Granitech is still wet. After hardening, cleaning should be done only using mechanical means.

The application of TERRAZZO Granitech should be carried out in mild weather conditions. Do not apply in case of imminent rain, high wind levels, or direct sunlight. Avoid applying at temperatures below 12°C (54° Fahrenheit) or above 32°C (89° Fahrenheit), as well as in relative humidity above 70%.

Throughout the duration of work in the area, protect the surfaces where TERRAZZO Granitech has been applied with nylon and cardboard. The corrugated side always faces upwards.

The material reaches its final strength within 30 days. **CAUTION with point loads. Protect the floor by placing pads under each piece of furniture or heavy object for proper maintenance of the material and to avoid marks.**

Clean the surfaces with any cleaner. If using bleach or other strong chemicals, it is recommended to clean the surface again with clean water to remove any residual chlorine. Otherwise, use cleaners with a neutral pH.