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TROWEL STONE

EDITION
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TROWELSTONE-E7.1-2506

WALL FINISH
PROFESSIONALS.

SINCE
1977

PEBBLE STONE COATING

FOR THE EXTERIOR
& INTERIOR

TROWEL WALL

NEW IMPROVED FORMULA

SUZUKA® Trowel Wall is a decorative wall coating that incorporates a high-tech acrylic resin with natural marble stones. It creates a natural pebble wash effect with a flat appearance and a wide variety of colors that aesthetically enhances your property.

SUZUKA® Trowel Wall has brilliant protection against ultra-violet rays, pollution, fungus, mold and algae. It can be applied on wide range of interior and exterior surfaces and finishes such as plaster, concrete, bricks, wood, and gypsum.

TROWEL FLOOR

NEW IMPROVED FORMULA

SUZUKA® Trowel Floor is a UV resistant decorative floor coating that incorporates a high-tech resin with natural marble stones. It delivers a unique surface that utilizes magnificent colors and textures while encompassing a quality that allows it to be applied, maintained and cleaned easily.

SUZUKA® Trowel Floor has excellent resistance against weather and UV while providing an anti-slippery surface. Its exceptional formula comprises superb protection against pollution, fungus, mold and algae.

EFFECT

Due to the different nature of the adhesive for Trowel Wall and Trowel Floor, after application, Trowel Floor products will appear to be darker and glossier.



Trowel Floor TF-C-301



Trowel Wall TW-C-301

CAUTION

- The material may loosen or detach from the surface if the application is too thick.
- A stainless steel trowel is highly recommended to prevent rust stains adhering to the materials.
- Different surfaces require different types of undercoat, i.e. wooden surfaces require a wood undercoat.
- Trowel Stone products cannot be applied on glass or metal surfaces, underground or water accumulated areas.
- Always protect/cover applied product during the curing period from wind, water, smoke and rust till fully dried. ie. canvas coverings.
- As SUZUKA® uses all natural pebbles, we recommend making a one-time order to ensure color consistency.
- Should you wish to apply different colors on the same surface, the use of groove lines are recommended to avoid joint problems.
- Ensure application is complete edge to edge to avoid joint problems.
- Do not apply under direct sunlight or rain.

For Trowel Floor Only

- Apply only when the floor temperature is above 13°C and under 32°C. Do NOT apply within -15°C of dew point.
- Interior concrete floor that do not have an effective moisture vapor retarder may possibly lead to moisture vapor transmission and related high levels of alkalinity which causes blistering and failure of the coating system.
- New concrete requires 28 days cure and preferably a broom swept finish prior to coating.
- Please ensure the floor is fully dried (with no traces of moisture) before applying SUZUKA® TF.
- Not recommended for driveways and heavy duty use.

For Trowel Wall Only

- Apply only when temperature is above 5°C.

TYPE

S

Stone Size:

• 1.0 mm - 1.5 mm

Coverage:

• TW 55 - 61 sqf (25 kg / drum)

Thickness:

• TW 1.8 mm - 2.5 mm



TW S-001



TW S-002



TW S-003



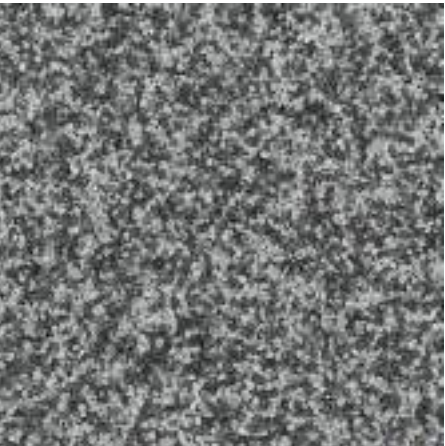
TW S-004



TW S-005



TW S-006



TW S-007



TW S-009



TW S-010



TW S-011



TW S-012



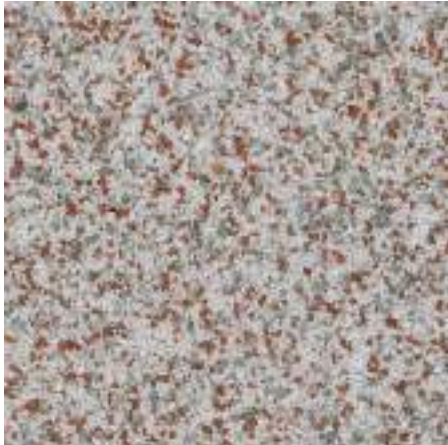
TW S-013



TW S-014



TW S-015



TW S-016



TW S-017



TW S-018



TW S-019



TW S-023



TW S-024



TW S-025



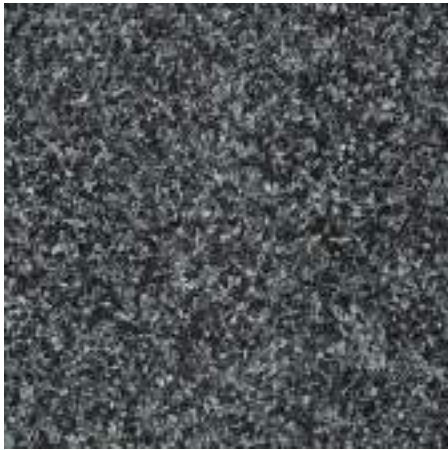
TW

S-026



TW

S-027



TW

S-028

TYPE



Stone Size:

- 1.5 mm - 2.0 mm

Coverage:

- TW 43 - 48 sqf (25 kg / drum)
- TF 29 - 33 sqf (14.5 kg / drum)

Thickness:

- TW 2.0 mm - 3.0 mm
- TF 2.5 mm - 3.5 mm



TF/TW

A-101



TF/TW

A-102



TF/TW

A-103



TF/TW

A-104



TF/TW

A-108



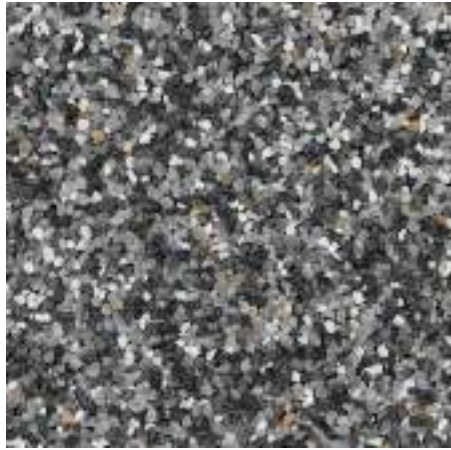
TF/TW

A-109



TF/TW

A-110



TF/TW

A-105



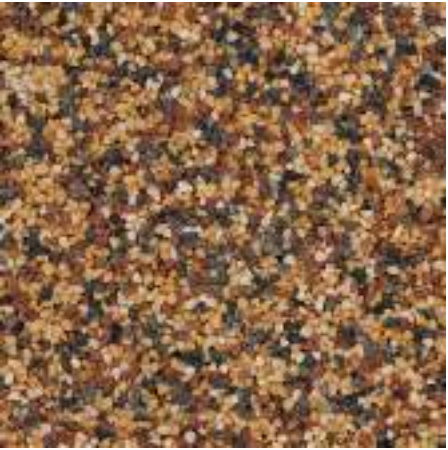
TF/TW

A-106



TF/TW

A-107



TF/TW

A-111



TF/TW

A-114

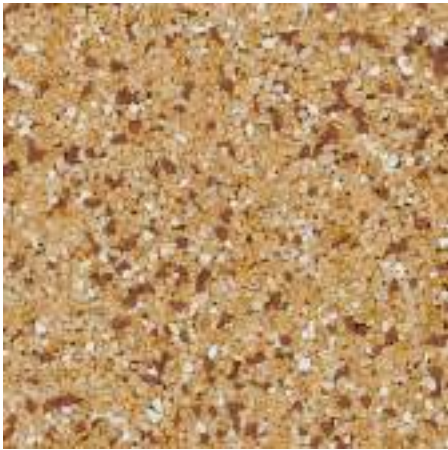


TF/TW

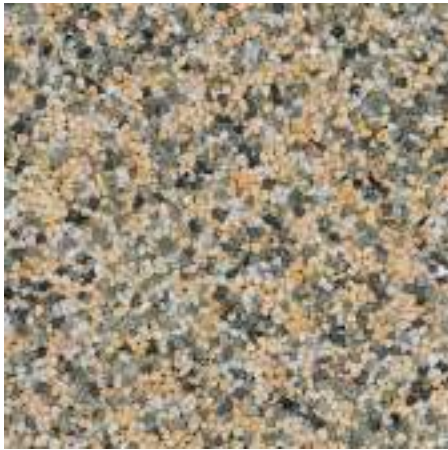
A-115



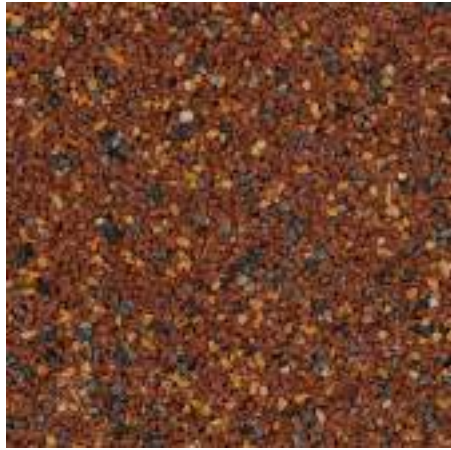
TF/TW A-116



TF/TW A-117



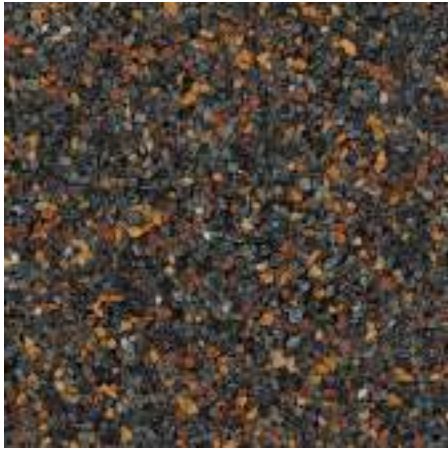
TF/TW A-118



TF/TW A-119



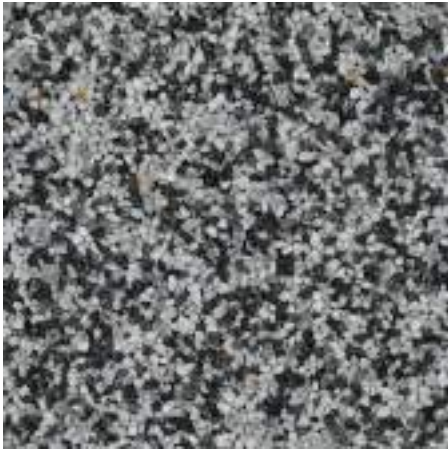
TF/TW A-120



TF/TW A-121



TF/TW A-122



TF/TW A-123



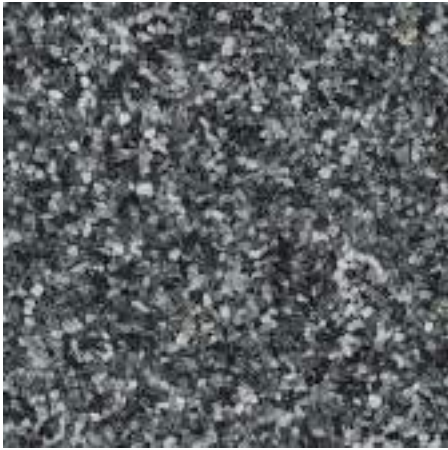
TF/TW A-124



TF/TW A-125



TF/TW A-126



TF/TW A-127

TYPE
B

Stone Size:

- 2.0 mm - 3.5 mm

Coverage:

- TW 32 - 36 sqf (25 kg / drum)
- TF 27 - 31 sqf (17.5 kg / drum)

Thickness:

- TW 3.0 mm - 4.0 mm
- TF 3.0 mm - 4.0 mm



TF/TW B-201



TF/TW B-202



TF/TW B-203



TYPE

C

Stone Size:

- 3.5 mm - 4.5 mm

Coverage:

- TW 22 - 25 sqf (25 kg / drum)
- TF 24 - 27 sqf (21.5 kg / drum)

Thickness:

- TW 3.0 mm - 5.0 mm
- TF 4.0 mm - 5.0 mm



TF/TW C-301



TF/TW C-302



TF/TW C-303



TF/TW C-306



TF/TW C-307



TF/TW C-309



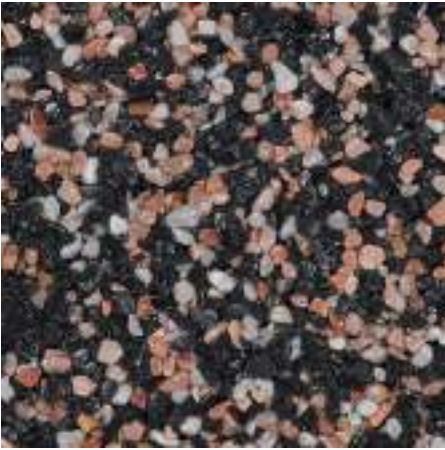
TF/TW C-311



TF/TW C-313



TF/TW C-317



TF/TW C-318



TF/TW C-320



TF/TW C-321



TF/TW C-323



TF/TW C-324



TF/TW C-325



TYPE

D

Stone Size:

- 4.5 mm - 5.5 mm

Coverage:

- TF 18 - 21 sqf (21.5 kg / drum)

Thickness:

- TF 5.0 mm - 6.0 mm



TF D-401



TF D-419



TF D-420



TF D-421



TF D-402



TF D-403



TF D-404



TF D-407



TF D-409



TF D-411



TF D-414



TF D-415



TF D-416



KASTONE® Topcoat Stone Care

Topcoat for stone & other masonry surfaces for extra protection and durability.



- High Gloss Finish**
An acrylic solvent-based topcoat allowing colour-enhancement and a glossy finish.
- Natural Finish**
An environmentally-friendly water-based topcoat that maintains the original color.

Coverage & Packing:

High Gloss			Natural		
1L	4L	18L	1L	5L	18L
75 ~ 108sqf	301 ~ 431sqf	1,356 ~ 1,938sqf	75 ~ 108sqf	377 ~ 538sqf	1,356 ~ 1,938sqf

Suitable for:

- SUZUKA® KASTONE® & Trowel Stone
- Concrete Imprint

- Pebble Wash
- Bricks

- Natural Stone
- Stone / Brick Veneer

* Not recommended for pre-sealed surfaces or non-porous surfaces, such as ceramic tile, marble, granite, porcelain and terrazzo.

- Features:
- Easy Application

UV Resistance

Long Lasting & High Endurance
- High Adhesion

Water, Algae & Fungus Resistance

Stain Resistance & Easy Cleaning

* Photos may vary in color from actual product due to printing and lighting conditions, we recommend examining the actual product samples prior to ordering.

TROWEL WALL

Application Techniques



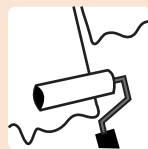
1. Surface Preparation

All surfaces must be clean and free from loose or peeling paint, grease, dirt, dust, oil & other foreign objects. Scrape or brush all loose paint off. Seal up any cracks & level uneven surfaces. The surface must be completely dry.



2. Mixing Stage

Add the appropriate amount of clean water (up to 0.3 litre) and mix SUZUKA® TW stones thoroughly with the resin before application. **Mix manually with a clean stick.**



3. Undercoat (Optional)

Optional: Apply one layer of SUZUKA® TW-Primer before trowelling the stones on the wall, to facilitate a smooth application progress. This is especially recommended for the C Series.



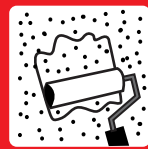
4. Trowel Stage

Lay the prepared SUZUKA® TW on the wall with a clean stainless steel trowel. Remove all excess SUZUKA® TW stones (keep the trowel at an edged angle in order to level the thickness).



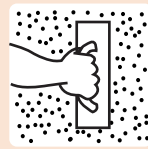
Important Tip:

Always keep your stainless steel trowel clean during application.



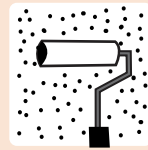
5. Absorbing Stage (IMPORTANT)

Wait 10–20 minutes (depending on the environmental temperature and humidity). Use a semi-dry roller (dipped in water and squeezed dry) to absorb any excessive resin on the surface. This is to get a clear appearance, avoid patchiness and color difference.



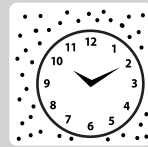
6. Leveling Stage

After 10–20 minutes, push the trowel onto all surfaces to compress them. Apply proper protection until the surface is fully dry (24 hours).



7. Topcoat Stage (Optional)

It is recommended to apply a topcoat layer of SUZUKA® Stone Care, either natural or glossy, after the surface has dried (after 24 hours). This helps enhance the protection of SUZUKA® TW against dirt, oil, grease, water stains, fungus, mold and weather conditions.



Curing Time:

- Pot Life : 1 week
- Touch dry : 4 hours
- Hardened : 24 hours
- Final Curing : 3 days

1. Penyediaan Permukaan

Bersihkan permukaan dinding daripada sebarang kotoran seperti habuk, minyak, cat tertanggal, dan sebarang bendasing. Kikis dan buang kotoran sehingga bersih. Pastikan tiada bahagian dinding yang retak dan tidak rata. Pastikan permukaan kering sepenuhnya.

2. Proses Pencampuran

Masukkan sebahagian air (tidak melebihi 0.3 liter) dan campurkan bersama batuan SUZUKA® TW dan resin. **Gaulkan campuran menggunakan rod bersih.**

3. Lapisan Asas (Pilihan)

Sapukan satu lapisan SUZUKA® TW-Primer sebelum meletakkan batuan pada dinding bagi memudahkan lagi proses kerja. Langkah ini amat digalakkan bagi Siri C.

4. Proses Kulir

Ratakan campuran SUZUKA® TW pada permukaan dinding menggunakan kulir keluli tahan karat yang bersih. Gunaan kulir dengan betul bagi memastikan batuan diratakan dengan sekata.



Tip Penting:

Sentiasa pastikan kulir keluli tahan karat dalam keadaan bersih semasa digunakan.

5. Proses Penyerapan (PENTING)

Biarkan selama 10–20 minit (bergantung pada tahap suhu & kelembapan persekitaran). Gunakan penggelek lembap (direndam ke dalam air dan diperahkan) bagi menyerap resin berlebihan pada permukaan dinding. Langkah ini bagi memastikan kesempurnaan permukaan tanpa sebarang kecacatan dan perbezaan warna.

6. Proses Meratakan

Selepas 10–20 minit, tekankan kulir pada permukaan bagi memastikan batuan pada dinding dipadatkan. Lindungi permukaan dinding sebelum ia kering sepenuhnya (24 jam).

7. Proses Lapisan Atas (Pilihan)

Disarankan untuk menggunakan SUZUKA® Stone Care pada lapisan atas dinding setelah ianya kering (24 jam). Langkah ini dapat memberikan perlindungan tambahan pada SUZUKA® TW daripada kotoran, minyak, air, kulat, keadaan cuaca dan sebagainya.

Tempoh Pembaikan:

- Hayat Pot : 1 minggu
- Pengeringan : 4 jam
- Pengerasan : 24 jam
- Pembaikan Akhir : 3 hari

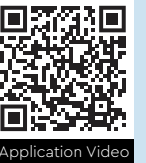
Packing Data



PRODUCT Produk	COVERAGE PER DRUM Liputan Setiap Drum	WEIGHT PER DRUM Berat Setiap Drum
Trowel Wall		
TW-S-XXX	55 ~ 61 sqf	25 kg
TW-A-XXX	43 ~ 48 sqf	25 kg
TW-B-XXX	32 ~ 36 sqf	25 kg
TW-C-XXX	22 ~ 25 sqf	25 kg
Trowel Floor		
TF-A-XXX	29 ~ 33 sqf	14.5 kg
TF-B-XXX	27 ~ 31 sqf	17.5 kg
TF-C-XXX	24 ~ 27 sqf	21.5 kg
TF-D-XXX	18 ~ 21 sqf	21.5 kg

TROWEL FLOOR

Application Techniques



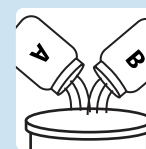
1. Surface Preparation

All surfaces must be clean & free from loose or peeling paint, grease, dirt, dust, oil and other foreign objects. Scrape or brush all loose paint off. Seal up any cracks & level uneven surfaces. The surface must be completely dry.



2. Mixing Stage 1 – Primer

Thoroughly mix SUZUKA® TF primer Part A and Part B by slow stirring for 1–2 minutes until homogenous.



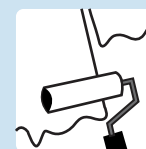
3. Mixing Stage 2 – Binder

Thoroughly mix SUZUKA® TF binder Part A and Part B by slow stirring for 1–2 minutes until clear.



4. Mixing Stage 3 – Binder + Stones

Mix the prepared binder with natural stones in a clean container according to the ratio. Stir with paddle drill mixer for 1–2 min only. Ensure all stones are covered in the binder to prevent loosened or detached stones.



5. Priming Stage

Apply SUZUKA® TF-Primer by brush or roller on the floor. It is recommended to apply by sections to prevent the primer from drying.

**If the stone mixture is applied when the primer has already dried, it will reduce the inter-coat adhesion between the stones & the surface.*

In a semi-dry condition, after 2–5 minutes, apply the stone mixture on the primer.



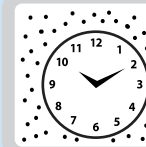
6. Trowel Stage

Lay the prepared SUZUKA® TF on the floor with a stainless steel trowel. Remove all excess SUZUKA® TF stones (keep the trowel at an edged angle in order to level the thickness). Leave the surface to dry for 24 hours.



7. Topcoat Stage (Optional)

It is recommended to apply a topcoat layer of either SUZUKA® High Gloss Stone Care or PU topcoat, after the surface has dried (after 24 hours). This helps enhance the protection of SUZUKA® TF against dirt, oil, grease, water stains, fungus, mold and weather conditions.



Curing Time:

- Pot Life : 30 minutes (25° C)
- Initial Set : 4 hours
- Human Traffic : 24 hours
- Final Curing : 7 days

1. Penyediaan Permukaan

Bersihkan permukaan lantai daripada sebarang kotoran seperti habuk, minyak, cat tertanggal, dan sebarang bendasing. Kikis dan buang kotoran sehingga bersih. Pastikan tiada bahagian lantai yang retak dan tidak rata. Pastikan permukaan kering sepenuhnya.

2. Proses Pencampuran 1 – Primer

Campurkan SUZUKA® TF primer bahagian A dan B serta gaulkan perlahan-lahan selama 1–2 minit sehingga campuran sehati.

3. Proses Pencampuran 2 – Binder

Campurkan SUZUKA® TF Binder bahagian A dan B serta gaulkan secara perlahan-lahan selama 1–2 minit sehingga campuran kelihatan jernih.

4. Proses Pencampuran 3 – Binder + Batuan

Campurkan binder bersama batuan ke dalam bekas bersih mengikut nisbah yang betul. Gaulkan dengan gerudi pengadun selama 1–2 minit. Pastikan kesemua batuan disaluti dengan binder bagi mengelakkan batuan daripada tertanggal.

5. Proses Primer

Sapukan lapisan SUZUKA® TF-Primer menggunakan berus atau penggelek pada permukaan lantai. Lakukan mengikut bahagian demi bahagian bagi mengelakkan primer daripada mengering.

**Sekiranya batuan diletakkan setelah primer kering, ini akan mengurangkan tahap kelekatan antara batuan dan permukaan lantai.*

Dalam kondisi separa kering, setelah 2–5 minit, letakkan bancuhan batuan ke atas sapuan primer.

6. Proses Kulir

Ratakan campuran SUZUKA® TF pada permukaan lantai menggunakan kulir keluli tahan karat. Bersihkan batuan SUZUKA® TF yang berlebihan (gunakan kulir dengan betul bagi memastikan batuan diratakan dengan sekata). Keringkan permukaan untuk tempoh 24 jam.

7. Proses Lapisan Atas (Pilihan)

Disarankan untuk menggunakan SUZUKA® High Gloss Stone Care atau PU Topcoat pada lapisan atas lantai setelah ianya kering (24 jam). Langkah ini dapat memberikan perlindungan tambahan pada SUZUKA® TF daripada kotoran, minyak, air, kulat, keadaan cuaca dan sebagainya.

Tempoh Pembaikan:

- Hayat Pot : 30 minit (25° C)
- Set Permulaan : 4 jam
- Laluan Pejalan : 24 jam
- Pembaikan Akhir : 7 hari

IMPORTANT!

- It is important that a correct paddle drill mixer is used during mixing stage for color consistency and to avoid breakage.
- Use stainless steel trowel to avoid stains and maintain color consistency.

- Pastikan gerudi pengadun yang betul digunakan semasa proses pencampuran bagi memastikan konsistensi warna dan mengelakkan rekahan.
- Gunakan kulir keluli tahan karat bagi mengelakkan kotoran dan mengekalkan konsistensi warna.



CORRECT TOOLS PERALATAN YANG BETUL



! Stainless Steel Trowel
Kulir Keluli Tahan Karat

! Paddle Drill Mixer
Gerudi Pengadun



INCORRECT TOOLS PERALATAN YANG SALAH

