

New Terracotta has its core strength in the wide knowledge of colours. We are always ahead of different colour expressions. A colour reaches its maximum when the pigment has been developed to the highest emotional resonance for that colour. There is so much more to our work than fine raw materials and high pigment loads. At New Terracotta, we are forging together the right balance of pigment, glaze, history, science and emotion.

The collection features **142** subtle, luminous, semi-transparent, deep, metallic colours. Each of them has a historical and artistic background.

BASIC COLOURS						
Ref.	Colour Name	Glaze Definition	Glaze Variation	Long Term Crazing	Pools, Lakes Fountains	Exterior Facades
B001	Yellow Yolk	glossy translucent	low		\checkmark	\checkmark
B002	Eggshell White	glossy translucent	low		\checkmark	\checkmark
B007	Delicate Peach	glossy translucent	moderate		\checkmark	\checkmark
B010	Flamingo Baby	glossy translucent	moderate		\checkmark	\checkmark
B011	Flamingo Pink	glossy translucent	moderate		\checkmark	\checkmark
B012	Jet Set Black	glossy solid	low	yes	\checkmark	\checkmark
3014	Chicago Cobalt Blue	glossy solid	low	yes	\checkmark	\checkmark
3017	Midnight Indigo	satin to glossy solid	low		\checkmark	\checkmark
3020	Vanilla Cream	glossy translucent	moderate		\checkmark	\checkmark
3022	Mint Macaron	glossy translucent craquelé	moderate			
3023	Lavender Violet Blue	glossy translucent	moderate		\checkmark	\checkmark
3025	Oyster Mushroom White	glossy translucent craquelé	moderate			
3028	Charcoal Grey	glossy solid	moderate		\checkmark	\checkmark
3029	Elephant Grey	glossy translucent	low		\checkmark	\checkmark
3037	Soft Lilac	glossy translucent	moderate		\checkmark	\checkmark
B038	Neon Green	glossy translucent	low		\checkmark	\checkmark
B039	Shallow Waters	glossy translucent craquelé	moderate			
3040	Forest Green	glossy translucent	moderate	yes	\checkmark	\checkmark
B042	Ice Grey White	glossy solid	low		\checkmark	\checkmark
3043	French Grey	glossy solid	low		\checkmark	\checkmark
B044	Divine Grey	glossy solid	low		\checkmark	\checkmark
B046	Green Mojito	glossy translucent craquelé	moderate			
B049	Pikachu Yellow	glossy solid	low		\checkmark	\checkmark
B051	Blue Dolphin	glossy translucent	moderate		\checkmark	\checkmark
B053	Saffron Yellow	glossy translucent	high		\checkmark	\checkmark
B054	Creme Caramel	glossy translucent	high	Ves	\checkmark	✓
B055	Blue Sky	glossy translucent	low	,	✓	✓
B057	Brown Beer Bottle	glossy translucent	moderate	yes	✓	
B059	Sand Bisque	glossy translucent	moderate	,	\checkmark	\checkmark
B061	Transparent Violet	glossy translucent craquelé	high			
B065	Misty Blue	glossy translucent craquelé	moderate			
B067	Spearmint Spa	glossy translucent craquelé	high			
B068	Crystal Blue Waters	glossy translucent craquelé	moderate			
B069	Electric Blue	glossy solid	low		\checkmark	\checkmark
B071	Paradise Turquoise	glossy translucent craquelé	moderate			
B074	Emerald Lake	glossy translucent	moderate		\checkmark	\checkmark
3075	Ultramarine Sea	glossy translucent craquelé	high			•
3083	Ocean Surf	glossy translucent	moderate		\checkmark	\checkmark
3088	Tempest Blue	glossy translucent	moderate	yes	 	
B089	Tempest Green	glossy translucent	moderate	,	 	
B090	Penguin White	satin to glossy solid	low		 ✓	 ✓
B091	Minimal White	glossy solid	low		 	
B092	Lemon Tart	glossy translucent	moderate		 	

Ref.	Colour Name	Glaze Definition	Glaze Variation	Long Term Crazing	Pools, Lakes Fountains	Exterior Facades
B096	Desert Bisque	glossy translucent	moderate		\checkmark	\checkmark
B097	Water Bisque	glossy translucent craquelé	moderate			
B101	Innocent Pink	glossy solid	low		\checkmark	\checkmark
B103	Pink Ballet	glossy solid	moderate		\checkmark	\checkmark
B110	Antique Rose Velvet	glossy translucent	low		\checkmark	\checkmark
B113	Frozen Margarita	glossy translucent craquelé	low			
B150	Fresh Salmon	glossy translucent	low		\checkmark	\checkmark
B151	Blue Fronteira	satin to glossy solid	low		\checkmark	\checkmark
B152	Blue Provence	satin to glossy solid	low	\checkmark	\checkmark	
B190	Transparent White	glossy translucent craquelé	low			
B202	Giraffe Print	glossy translucent craquelé	moderate			
B204	Giraffe Yellow	glossy translucent craquelé	moderate			
B206	Giraffe Blue	glossy translucent craquelé	moderate			
B208	Giraffe Pink	glossy translucent craquelé	moderate			
B210	Giraffe Green	glossy translucent craquelé	moderate			
B301	Burnt Siena	glossy solid	low		\checkmark	\checkmark
B600	Green Guru	glossy solid	low		\checkmark	\checkmark
B608	Green Delight	glossy solid	low		\checkmark	\checkmark
B618	Amazon Green	glossy solid	low		\checkmark	\checkmark
B625	Olive Green	glossy solid	low		\checkmark	\checkmark
B628	Khaki Green	glossy solid	low		\checkmark	\checkmark
B700	British Racing Green	glossy translucent	moderate yes		\checkmark	\checkmark
B705	So Sweet Teal	glossy solid	low		\checkmark	\checkmark

BASIC COLOURS

MATT COLOURS

Ref.	Colour Name	Glaze Definition	Glaze Variation	Long Term Crazing	Pools, Lakes Fountains	Exterior Facades
M800	Belgian Chocolate Matt	satin matt	low		\checkmark	\checkmark
M810	Italian Coffee Matt	satin matt	low		\checkmark	\checkmark
M815	Paper Black Matt	satin matt	low		\checkmark	\checkmark
M820	Graphite Grey Matt	satin matt	low		\checkmark	\checkmark
M825	Smoke Grey Matt	satin matt	low		\checkmark	\checkmark
M830	Cotton White Matt	satin matt	low		\checkmark	\checkmark
M835	Industrial Grey Matt	satin matt	low		\checkmark	\checkmark
M845	Vintage Red Matt	satin matt	low		\checkmark	\checkmark
M850	Glaciar White Matt	satin matt	low		\checkmark	\checkmark
M855	Elegant Greige Matt	satin matt	low		\checkmark	\checkmark
M860	Safari Green Matt	satin matt	low		\checkmark	\checkmark
M865	Black Evergreen Matt	satin matt	low		\checkmark	\checkmark
M875	Adorable Pink Matt	satin matt	low		\checkmark	\checkmark
M880	True Rose Matt	satin matt	low		\checkmark	\checkmark
M885	Perfect Nude Matt	satin matt	low		\checkmark	\checkmark
M890	White Sand Matt	satin matt	low		\checkmark	\checkmark
M900	So Chic Teal Matt	satin matt	low		\checkmark	\checkmark
M910	Historical Blue Matt	satin matt	low		\checkmark	\checkmark
M915	Royal Blue Matt	satin matt	low		\checkmark	\checkmark
M920	Forever Blue Matt	satin matt	low		\checkmark	\checkmark
M925	Summer Blue Matt	satin matt	low		\checkmark	\checkmark

D.f				Long Term	Pools, Lakes	Exterior
Ref.	Colour Name	Glaze Definition	Glaze Variation	Crazing	Fountains	Facades
X010	Deep Blue Explosion	glossy translucent	high	yes	\checkmark	\checkmark
X011	Ocean Blue Explosion	glossy translucent	high	yes	\checkmark	\checkmark
X020	Mystery Teal Explosion	glossy translucent	high	yes	\checkmark	\checkmark
X021	Aqua Mist Explosion	glossy translucent	high	yes	\checkmark	\checkmark
X022	Petroleum Explosion	glossy translucent	high	yes	\checkmark	\checkmark
X023	Galaxy Explosion	glossy translucent	high	yes	\checkmark	\checkmark
X031	Soft Emerald Explosion	glossy translucent	high	yes	\checkmark	\checkmark
X032	Wisteria Blossom Explosion	glossy translucent	high	yes	\checkmark	\checkmark
X033	Coralline Explosion	glossy translucent	high		\checkmark	\checkmark
X042	Jungle Green Explosion	glossy translucent	high	yes	\checkmark	\checkmark
X044	Metallic Green Explosion	glossy translucent	high	yes	\checkmark	\checkmark
X050	Vibrant Bamboo Explosion	glossy translucent	high	yes	\checkmark	\checkmark
X060	Don Pesto Explosion	glossy translucent	high	yes	\checkmark	\checkmark
X061	El Guacamole Explosion	glossy translucent	high	yes	\checkmark	\checkmark
X071	Hazelnut Explosion	glossy translucent	moderate	yes	\checkmark	\checkmark
X072	Classic Concrete Explosion	glossy translucent	moderate	yes		
X074	Stylish Grey Explosion	glossy translucent	moderate	yes		
X075	Sophisticated Grey Explosion	glossy translucent	moderate	yes		
X076	Wabi-Sabi Explosion	glossy translucent	moderate	yes	\checkmark	\checkmark

OXIDE EXPLOSIONS

SPECIAL FIRING

Ref.	Colour Name	Glaze Definition	Glaze Variation	Long Term Crazing	Pools, Lakes Fountains	Exterior Facades
S001	Red Chili Pepper	glossy solid craquelé	moderate		\checkmark	\checkmark
S008	Acid Yellow	glossy solid craquelé	moderate		\checkmark	\checkmark
S010	Orange Caviar	glossy solid craquelé	moderate		\checkmark	\checkmark
S018	Fresh Wasabi	glossy solid craquelé	moderate		\checkmark	\checkmark
S030	So Eggplant	glossy translucent	moderate		\checkmark	\checkmark
S032	Yaya Carrot	glossy translucent	low		\checkmark	\checkmark
S050	Red Tomato Delicious	glossy translucent	low		\checkmark	\checkmark
S304	Du Vin Rouge	glossy solid	low		\checkmark	\checkmark
S320	Pretty Red	glossy solid	low		\checkmark	\checkmark
S340	Skinny Zucchini	glossy translucent craquelé	high			
S341	Caramel Spaghetti	glossy translucent craquelé	high			
S380	Red Cobra	reactive craquelé	moderate		\checkmark	\checkmark
S381	Orange Cobra	reactive craquelé	moderate		\checkmark	\checkmark
S382	Yellow Cobra	reactive craquelé	moderate		\checkmark	\checkmark
S383	Funky Mint Cobra	glossy translucent craquelé	moderate			
S384	Spearmint Splash Cobra	glossy translucent craquelé	moderate			
S385	Violet Sunset Cobra	glossy translucent craquelé	moderate			
S390	Blue Gaudi	glossy translucent craquelé	high			
S391	Green Gaudi	glossy translucent craquelé	high			
S392	Lime Gaudi	glossy translucent craquelé	high			
S393	Atlantic Blue Gaudi	glossy translucent craquelé	high			
S394	Caribbean Green Gaudi	glossy translucent craquelé	high			
S395	Salted Caramel Gaudi	glossy translucent craquelé	high			
S396	Lemon Sorbet Gaudi	glossy translucent craquelé	high			
S397	Dame Blanche Gaudi	glossy translucent craquelé	high			

VINTAGE METALLICS

Ref.	Colour Name	Glaze Definition	Glaze Variation	Long Term Crazing	Pools, Lakes Fountains	Exterior Facades
V006	Lava	metallic matt	low			
V009	Black Nickel	metallic glossy	low	low yes		\checkmark
V012	Old Gold	metallic craquelé	moderate		\checkmark	\checkmark
V018	Bronze Gold	metallic craquelé	high		\checkmark	\checkmark
V109	Black Nickel Eruption	metallic glossy	low	yes	\checkmark	\checkmark
V112	Old Gold Eruption	metallic craquelé	moderate		\checkmark	\checkmark
V118	Bronze Gold Eruption	metallic craquelé	high		\checkmark	\checkmark
V200	Perfect Pearl	metallic matt	moderate			
V210	Blush Copper	metallic matt	moderate			
V220	Olive Bronze	metallic matt	moderate			
V240	Pink Mica	metallic matt	moderate			

Glaze Definition

All our craquelé is deliberately induced, usually known as artistic craquelé.

Glaze Variation

Glaze and texture variation is rated as follows: Low - tile can vary slightly Moderate - tile can vary slightly to moderately High - tile can vary significantly Very High - tile can show a large variation

Long Term Crazing

According to Determination of Crazing Resistance test results, EN ISO 10545-11 / ASTM C 424-93.

Pools, Lakes and Fountains

According to Determination of Crazing Resistance test results, EN ISO 10545-11 / ASTM C 424-93; according to Determination of Chemical Resistance test results, EN ISO 10545-13 / ASTM C 650-04.

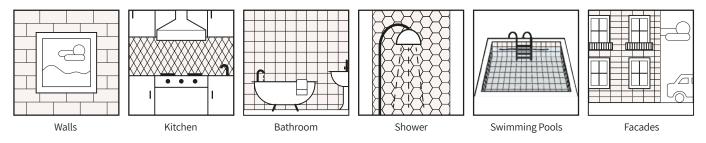
Exterior Facades

According to Determination of Frost Resistance test results, EN ISO 10545-12 (limit at - 20°C).

MATCHING GLAZES	Basic Colours	Matt Colours	Oxide Explosions	Special Firing 25	Vintage Metallics
Field Tiles	V	V	Ý	Ý	Ý
Trims	V	V	_	Ý	•
New Modern	V	V	-	Ý	•
Portuguese Heritage	\checkmark	\checkmark	-	\checkmark	•

• V006 Lava, V109 Black Nickel Eruption, V112 Old Gold Eruption, V118 Bronze Gold Eruption do not apply.

TILES SUITABILITY



Please note that these are only recommendations and in some cases the tiles may be suitable for installation in additional spaces. Contact us for more information.

New Terracotta Tile Collection is suitable for most interior and exterior applications, including residential and commercial floors, walls, counters, showers, bathrooms, swimming pools, spas and fountains. Because the purchase of New Terracotta Tile for your home or commercial project represents an important investment, proper installation and maintenance is critical.

TILE UNDERSTANDING

It is important to understand that the differences in colour, shape, size, texture and moisture absorption are the unique characteristics that distinguish each of these tile products.

Glazed Tile

A coloured, liquid glaze is applied to the surface of a clay body.

The tile is fired in a kiln at very high temperatures of more than 1.050 °C .

The glazing process defines the colour and surface texture and produces a hard, non-porous, impermeable tile with a very low water absorption rate.

Glazed tiles are easier to clean and any liquid on its surface will drain faster.

Size and Length Variation

Our tiles shrink during the production process. You can expect some variation, especially on longer tiles.

Lengthwise Bowing and Surface Undulation

Clay is an elastic material, therefore it will attempt to regain its original shape as it moves through the production process. For this reason, you can expect both an acceptable amount of lengthwise bowing and a surface undulation. Undulation can occur anywhere on the surface and could include a slightly raised corner or edge.

Colour and Glaze Variation

Shade variation is inherent in all fired ceramic products and certain tiles will show greater variation within their dye lots. We assign all our glazes with a low, moderate, high or very high rating. See our Glaze Guide for a complete description of glaze characteristics.

Glazing on relief tiles will vary in thickness and as a result the glazing may appear darker and lighter in different areas throughout the tile.

A TILE PREPARATION

Meticulously plan your layout. The time you take for preparation and placement will greatly impact the finished result.

- Pre-sort your tile by colour and size so you can distribute the range of variation throughout the installation.
- Blending is recommended.
- Inspect each tile for cracks or other deformities that make its use inappropriate for the application intended.

We advise a grout joint (1 to 4 mm) which joins the tiles so that they touch one another with an irregular space left between tiles, created by the imperfection of the edges.

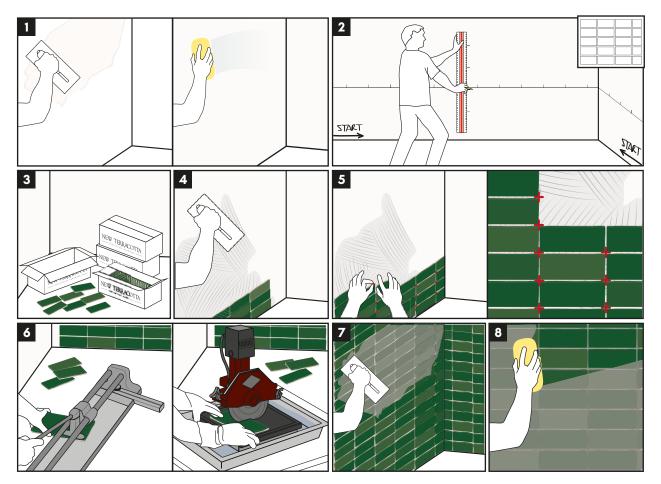
Grout joint width can be varied to adjust tile alignment with adjacent handmade tiles or other architectural elements.

Give design consideration to the grout colour as it relates to the colour of tile chosen. There may be a desire to accentuate the tile with a border of contrasting grout colour. To more closely connect each tile with each other, use a grout colour in a hue that approximates the colours found in the tile.

TILE INSTALLATION

Install per industry standards for terracotta glazed tiles.

Proper substrate preparation and the right choice of adhesives and grouts for the type of tile and specific project conditions are critical for achieving a long-lasting installation. New Terracotta tiles can be installed with any conventional tiling method, using any mortars, adhesives (EN 1200 C2) and grout compounds (EN 13888) suitable for use with wall tiles.



- 1. Prepare the surface. Substrate must be clean, leveled and adequately set.
- 2. Determine the layout and mark the surface. For aesthetic and technical optimisation, define starting points and cuttings.
- 3. Distribute the tiles. Pre-sort your tile by colour and size so you can distribute the range of variation throughout the installation.
- **4.** Apply the proper tile adhesive. Use a large-toothed trowel to spread the adhesive.
- 5. Install the tiles. Lay down tiles by lining them up and pressing them firmly into the adhesive. Installation is easier if you use X-shaped tile spacers.
- 6. Cut the tiles. If some tiles need to be trimmed, you can use either a snap tile cutter or a wet tile saw.
- 7. Grout the joints. Allow the adhesive to cure for about 24 hours and then fill in the joints with the selected grout, using a rubber grout float.
- 8. Clean the tiles after grouting. The excess grout must be cleaned immediately with a wet sponge, rinsing often.

New Terracotta Tile is a relatively maintenance-free product that requires little continuing care beyond regular cleaning. Continued beauty and performance of our tiles is assured by following these recommendations:

- For everyday cleaning, simply use a pH-balanced natural cleaner diluted in warm water.
- To clean stubborn spots or grout joins use a stiff natural bristle brush.
- Always avoid the use of abrasive cleaning pads or products containing bleach, ammonia and paint thinner.
- Never scrub with rough materials, such as hard brushes or wire wool, which may scratch the surface.
- In cooking areas, around a stove, on counters and backsplashes, cooking oil splatters should be cleaned as soon as possible as oil may darken some tiles.

INSTALLATION ANCILLARY PRODUCT

The right choice of materials and installation methods is essential to the sucess of your installation. Some adhesives carry a warning that they may react adversely with certain types of tiles. New Terracotta recommends the using of MAPEI fixing materials and suggests contractors contact a MAPEI specialist for more information about their products.

For typical installations please consider:

PRODUCT	USE	ADHESIVE	GROUT
HANDMADE GLAZED TILES	Interior Walls Interior Wet Areas	MAPEI Keraflex	MAPEI Ultracolor Plus
	Exterior Walls	MAPEI Keraflex Extra S1	MAPEI Ultracolor Plus
	Swimming Pools	MAPEI Keraflex Extra S1	MAPEI Kerapoxy CQ

The New Terracotta technical support team is available to assist you in determining the best practice for your installation. For more information contact us.

PHYSYCAL & CHEMICAL CHARACTERISTICS

Technical Features	Standards	Test Results	Compliance
Determination of water	EN ISO 10545-3	14,4 %	YES
absorption	ASTM C 373-88	15,9 %	YES
Determination of module of rupture	EN ISO 10545-4	R = 14,8 N/mm² S = 1066 N	YES
举 _来 Determination of frost resistance	EN ISO 10545-12	Not affected	YES
Determination of chemical resistance	EN ISO 10545-13	Class A	YES
Household Chemicals Swimming Pool Salts Acids Alkali	ASTM C 650-04	Not affected	YES
Determination of resistance to staining	EN ISO 10545-14	Class 5	YES
Green Chromium Iodine Olive Oil	ASTM C 1378-04	Not affected (limit at -20°C)	YES

New Terracotta Handmade Glazed Tiles, Group III.

Test report, CTCV - Centro Tecnológico da Cerâmica e do Vidro.

We have the ability to do PTV tests (Pendulum Test Values) as well as LRV tests (Light Reflectance Values).



Recycling

New Terracotta glazed tiles contain 25% to 28% recycled materials, depending on the product type.

info@newterracotta.com

T. +351 214 681 626 M. +351 912 900 271 | +351 917 333 000

www.newterracotta.com www.nwtmaterials.com

Polo Industrial Vale de Borregão, 3450-097 Marmeleira MRT Portugal



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Proud of being 100% Handmade in Portugal



