



MOSAIC
Porcelain

SDC



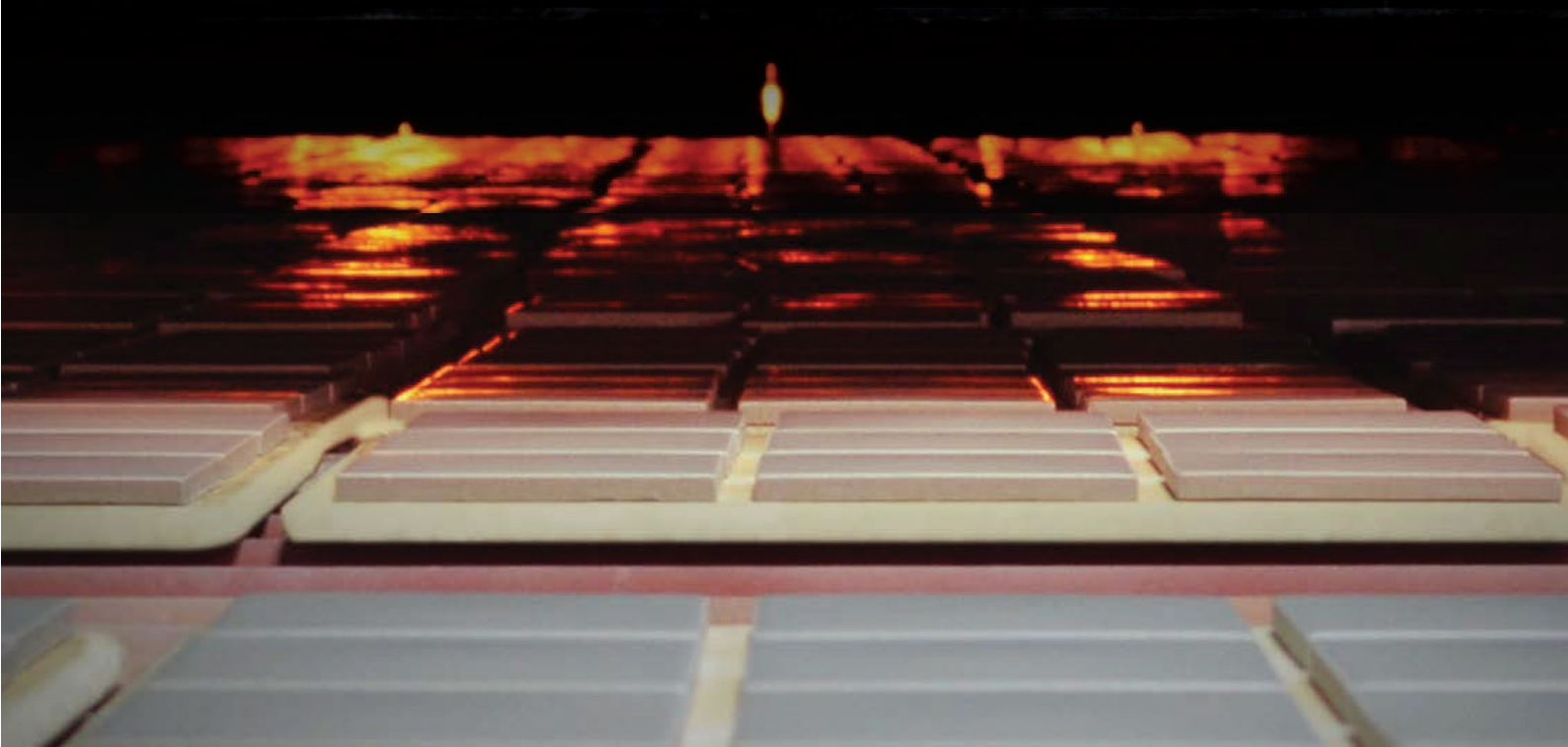
7
Sizes

6
Looks

200+
Colours

Mfgd.
as per
**international
standards**

Made in
INDIA
with latest
Italian
knowhow

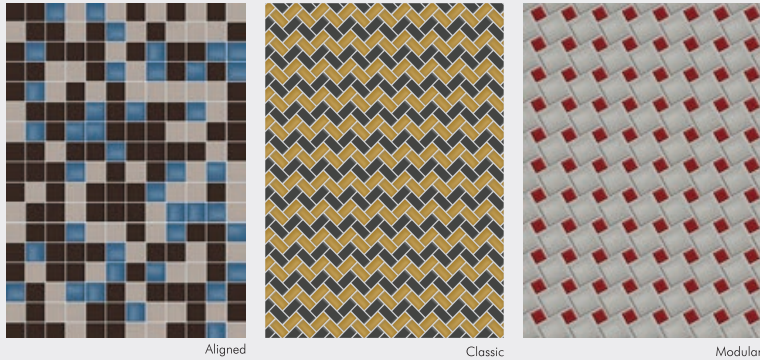


■ ■ ■ ■ Manufacturing Plant

PCS porcelain mosaic is manufactured in Gujarat, India. The mosaic production is carried out using state-of-the-art current generation Italian knowhow, plants and machineries.

Our production standards comply the specification as per European Norms as defined in EN 14411, Group B la, applicable to vitrified dry pressed mosaic, single fired at a temperature of more than 1200 °C, where water absorption (E) is $\leq 0.5\%$.





3 TECHNIQUES

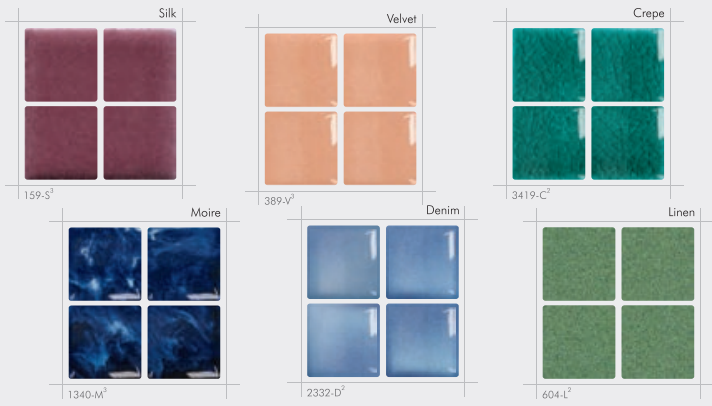
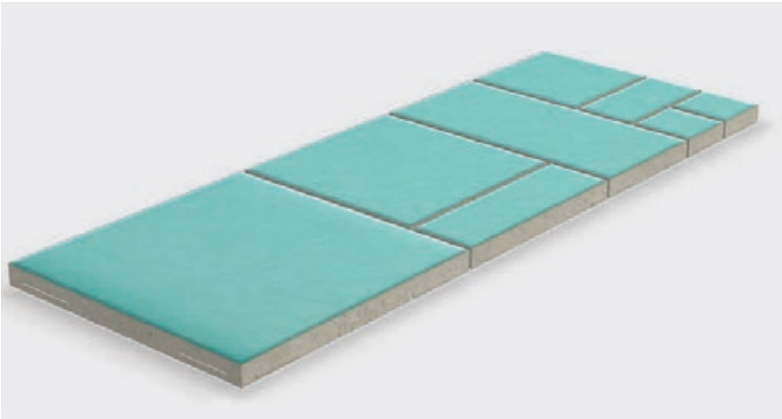
- Aligned
- Classic
- Modular

Infinite pattern possibilities

7 MODULAR SIZES

- 2.5 X 2.5 cm
- 2.5 X 5 cm
- 5 X 5 cm
- 2.5 X 7.5 cm
- 7.5 X 7.5 cm
- 5 X 10 cm
- 10 X 10 cm

Possible to mix & merge sizes, items and techniques retaining alignment



6 LOOKS

- Silk
- Moire
- Velvet
- Denim
- Crepe
- Linen

Enriches design feel

*Differentiation
with the purpose*



WATER ABSORPTION

≤0.5% water absorption,
makes the product
more durable.

200+ COLOURS

Black	Orange	Turquoise
Blue	Pink	Violet
Brown	Purple	White
Green	Red	Yellow
Grey	Terracotta	

Wide colour range
enhances design aesthetics



INNOVATIVE ASSEMBLING

Link Tec

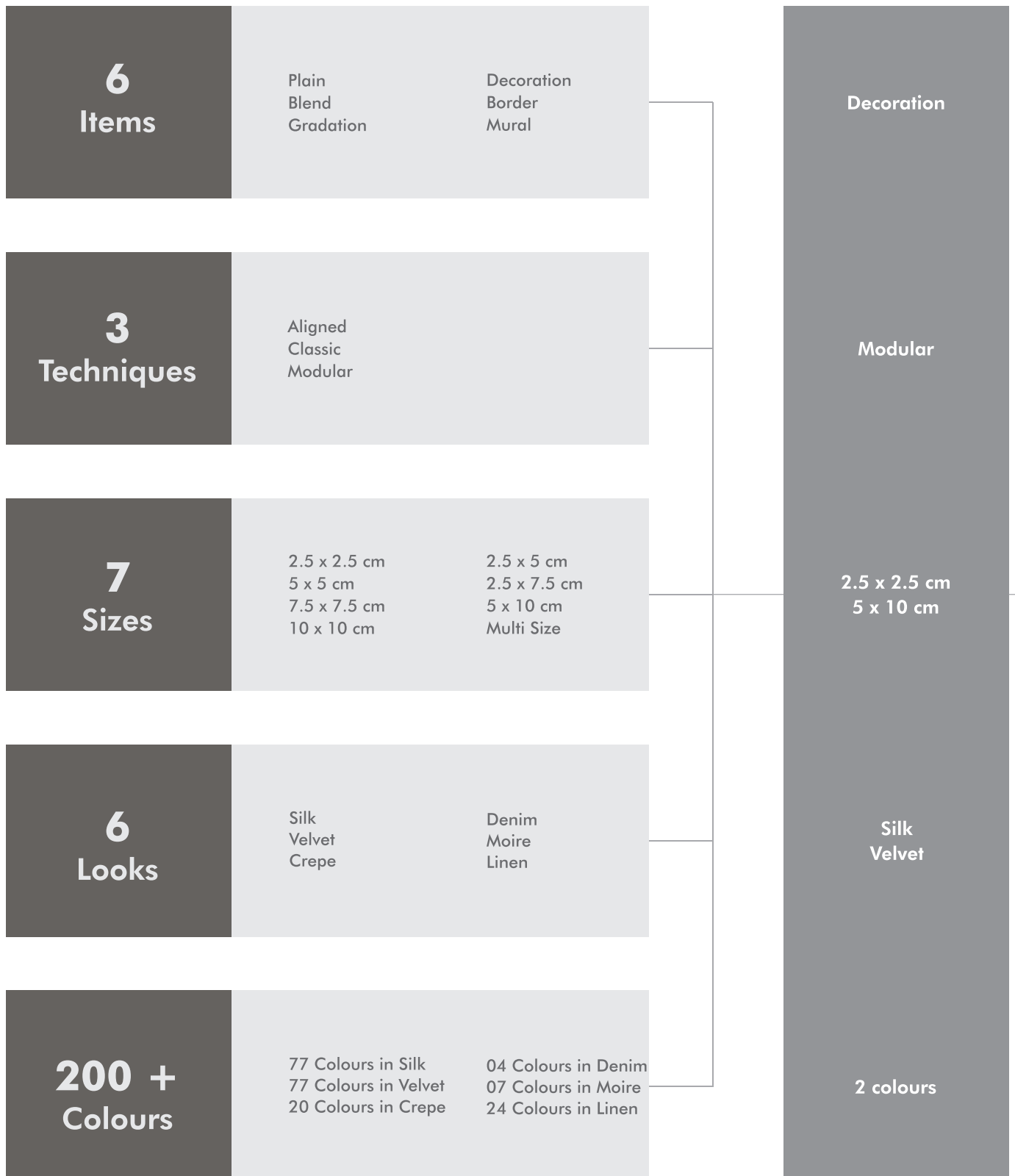
State-of-art polyurethane
link assembling through robot

Enables better intactness

Design elaboration

Design is the reflection of one's imagination.

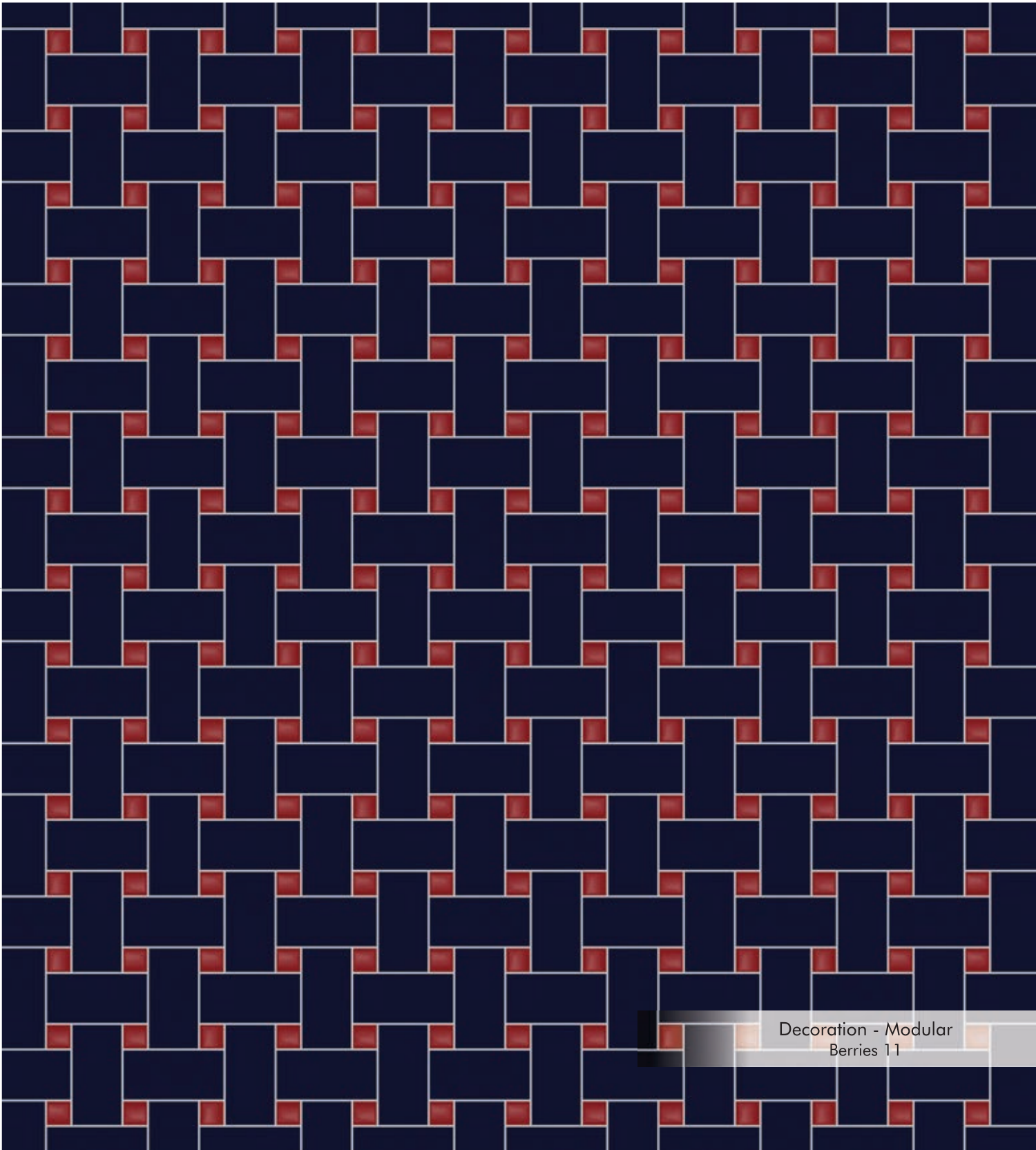
PCS porcelain mosaic takes you to the world of creativity through freedom of customisation by providing exclusive design solutions; it gives you the flexibility to select, mix and merge – items, techniques, sizes, looks and colours. Such combinations create infinite and unique design possibilities to suit your taste and ambience.



True Customisation
to Create Uniqueness

Our idea is to realise the full potential of the product by giving customisation designing so as to attain the vision of **"Beautifying the Surfaces"**.

The designing possibilities are only "limited to one's own imagination". Let us our own Designs.....



Decoration - Modular
Berries 11

360° Integrated Approach

Here 360° Integrated Approach means, we start working step by step from the “Project Layout til the “Design Installation” is accomplished. You can convert your dreams into reality through this 360° integrated approach...



01. Project Layout

The first thing our design team would like to know is the area of application and its dimensions. The drawing specifying the same can be provided in the form of AutoCAD, hand drawn sketch, a picture etc. The drawing has to be clear about all dimensions i.e. horizontal, vertical including openings.

02. Design Inspiration

The next step is to identify the design. It can be selected either from the PCS catalogue or can be custom made referring from any inspiration – a digital image file, a photograph, a sketch, a fabric swatch, an artwork of logos or word. Here, while selecting design we should keep in mind viewing distance, design dimension and the intricacies of the design. These factors also influence the selection of mosaic format.



03. Colour Selection

Once the design and the mosaic format/s are selected, our design team seeks the advice of the specifier / client in suggesting the colours to be used from the colour palette. Such selection should do justice to the selected design, surrounding ambience and helps in truthful realization of your visualization.

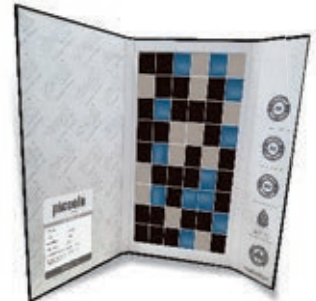
04. Design Elaboration

After receiving the above inputs, our design team will transform the idea into a customised artwork presentation using the mosaic graphic softwares. The same is then sent to the specifier/client for approval.



05. Samples

We also provide samples on case to case basis as per the request of specifier / client. Such sample helps the client to have a better look & feel of the product. On approval from specifier / client, orders are processed.



06. Design Production

Upon approval from specifier / client, the design is taken up for production. During design production, mosaics are assembled as per the "Production Plan," since each mosaic is unique in look, colour, shape and size.

Assembled Mosaics are converted into sheets using "LinkTec", state-of- the-art innovative technology through Robot, wherein polyurethane links are created at the back of the mosaics (BML). Besides, the above mosaic can also be converted into sheets using the conventional way i.e. on Net, where in Net is glued on the back of the mosaics (BMN).

Upon production, each sheet is numbered in excel format. Each design is later individually laid on the shop floor for quality checks before it is packed into cartons for dispatch.

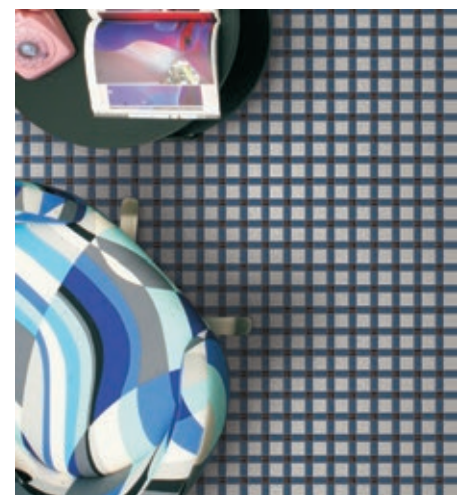
07. Design Installation

Since every installation is customized and unique, installation is done at site based on the type of assembling:

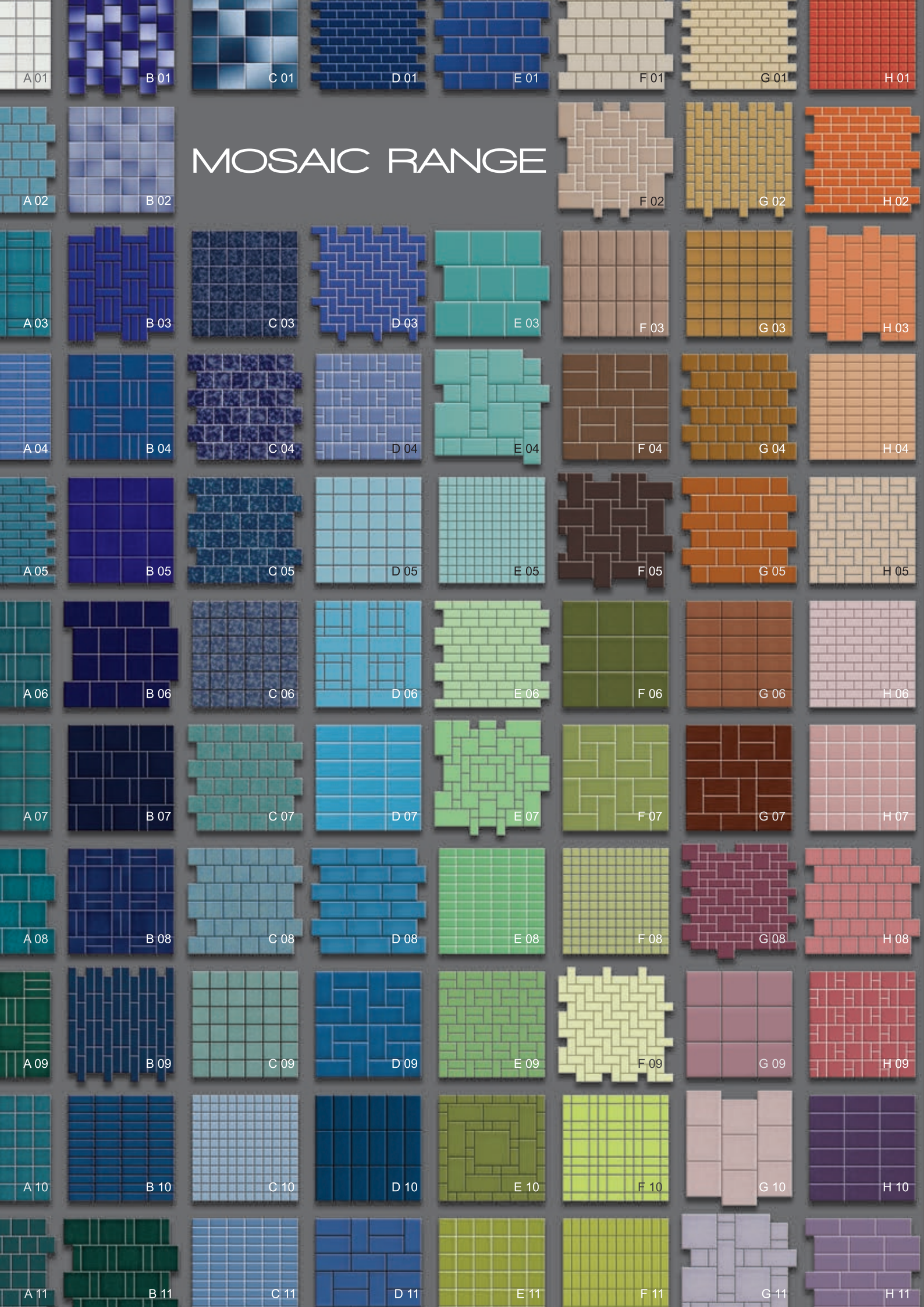
For BML (Bock Mounted on Link)/BMN (Bock Mounted on Net) assembled sheets:

'Installation Plan*' is used for the dry laying of sheets to check the design before installation, as well as for proper positioning of the sheets on the surface for installation.

This will ensure accurate installation of the sheets to realise the design and to avoid any mistake during installation.



MOSAIC RANGE



A 01

B 01

C 01

D 01

E 01

F 01

G 01

H 01

A 02

B 02

F 02

G 02

H 02

A 03

B 03

C 03

D 03

E 03

F 03

G 03

H 03

A 04

B 04

C 04

D 04

E 04

F 04

G 04

H 04

A 05

B 05

C 05

D 05

E 05

F 05

G 05

H 05

A 06

B 06

C 06

D 06

E 06

F 06

G 06

H 06

A 07

B 07

C 07

D 07

E 07

F 07

G 07

H 07

A 08

B 08

C 08

D 08

E 08

F 08

G 08

H 08

A 09

B 09

C 09

D 09

E 09

F 09

G 09

H 09

A 10

B 10

C 10

D 10

E 10

F 10

G 10

H 10

A 11

B 11

C 11

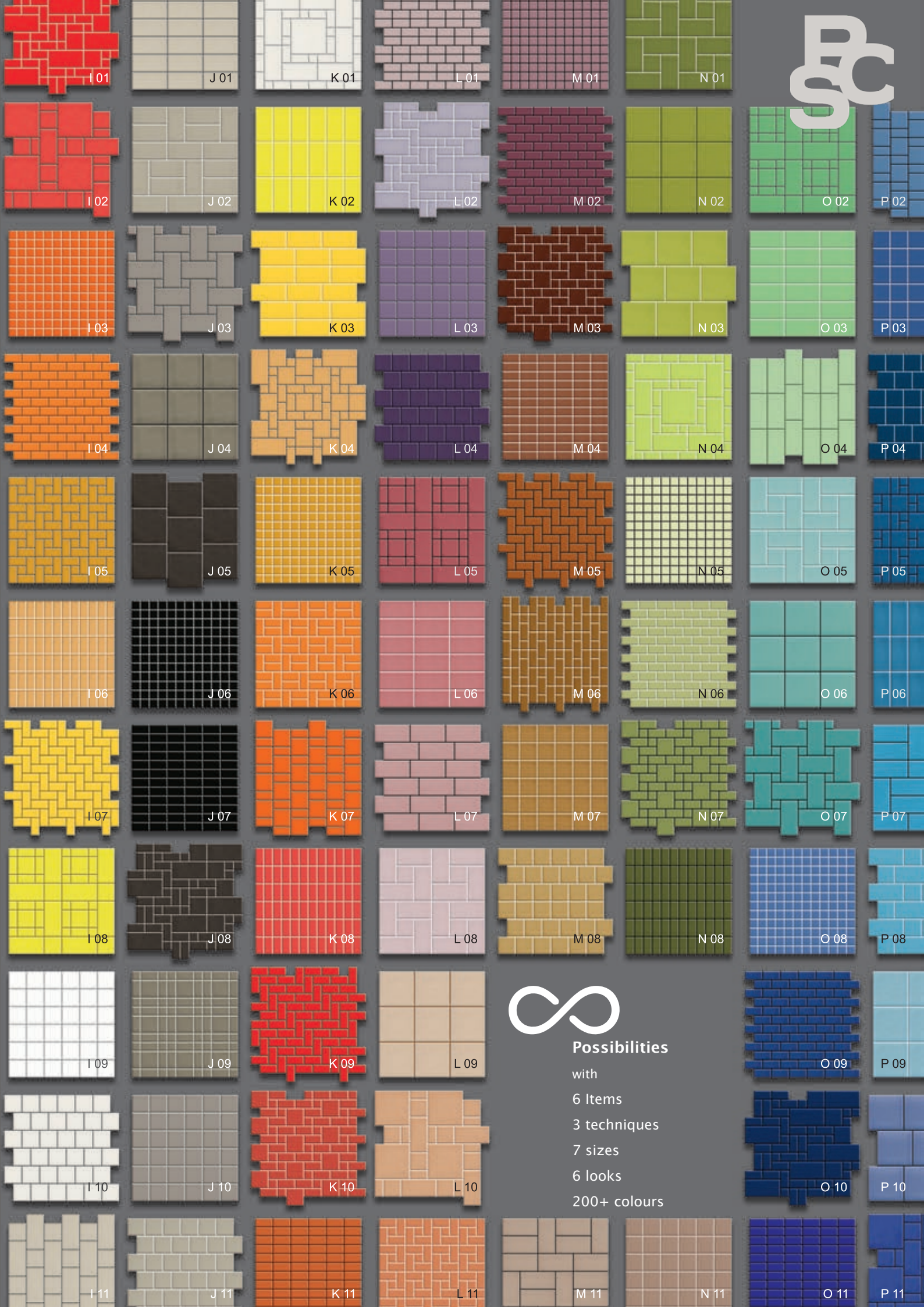
D 11

E 11

F 11

G 11

H 11

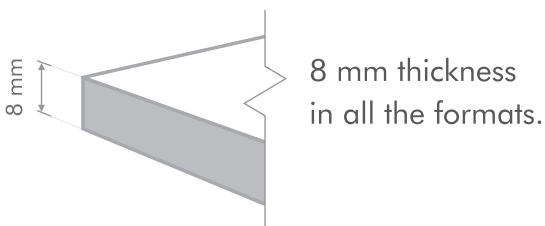
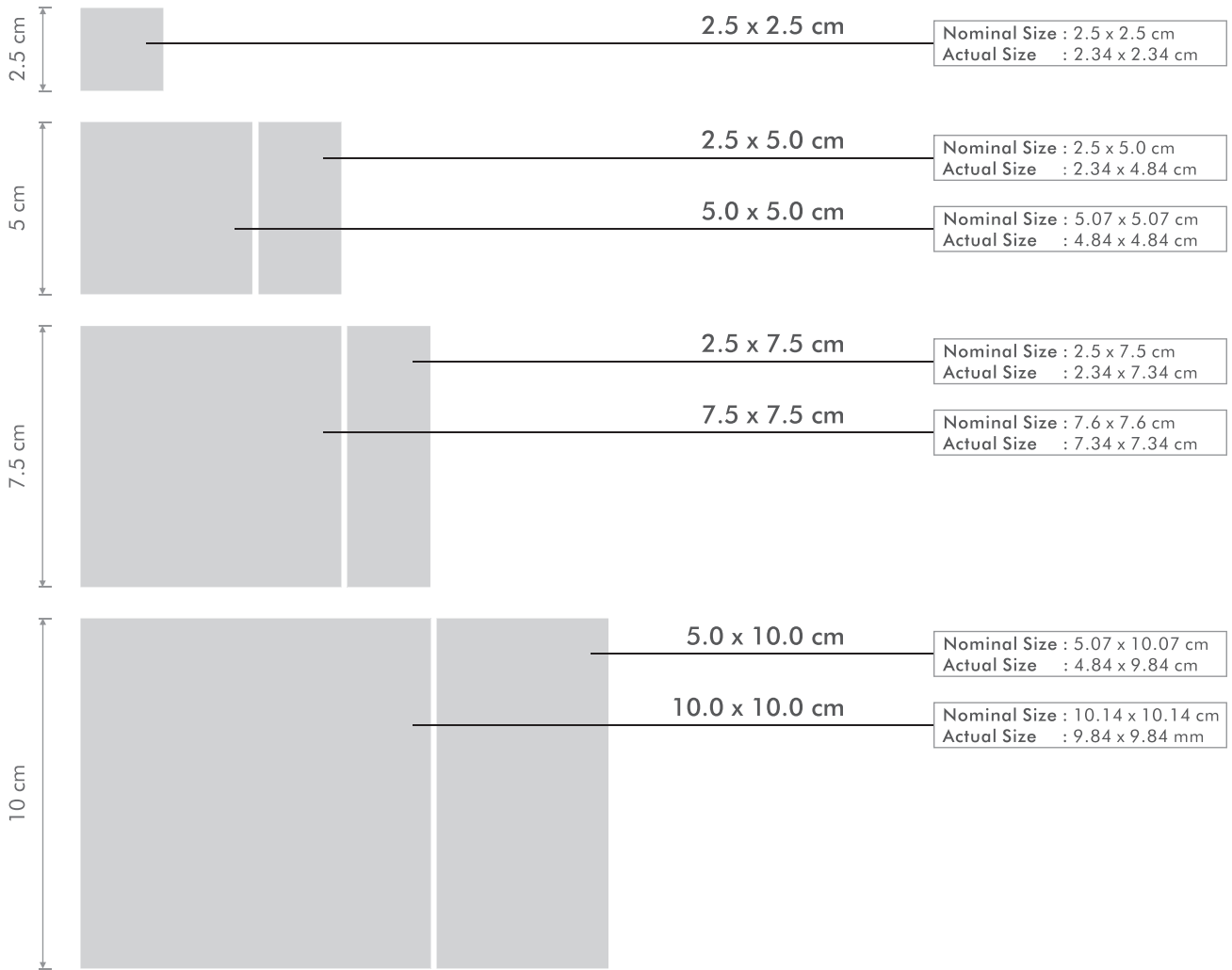


Possibilities
with
6 Items
3 techniques
7 sizes
6 looks
200+ colours

7 Modular Sizes
to Work with

Formats

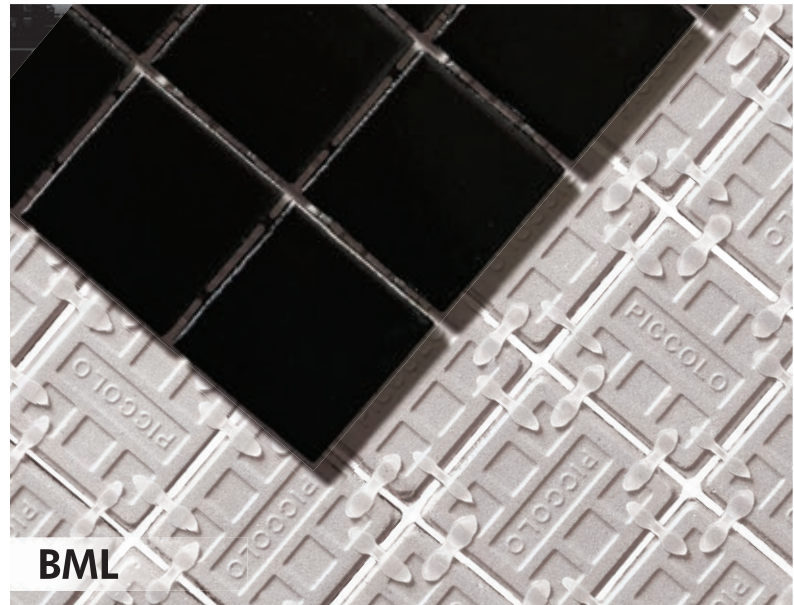
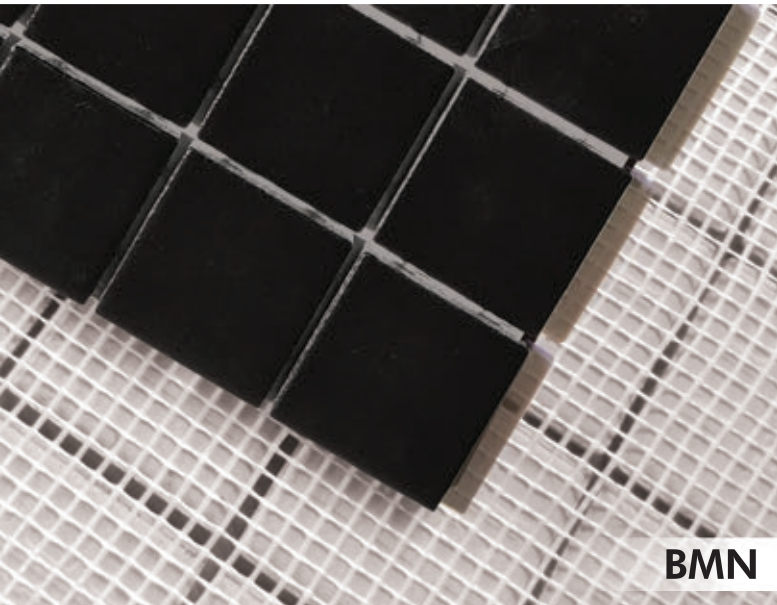
PCS porcelain mosaic is available in 7 formats - 4 Squares and 3 Rectangles.



Mosaic Nominal Size = Actual Size + Joint Gap

■ ■ ■ ■ Assembling

PCS porcelain mosaic are assembled into a sheet using either “Net” (BMN) or –Link” (BML).



“Netting”

BMN (Back Mounted on Net)

Netting is the conventional method used for assembling of mosaics. Under this method net is glued on the back of the mosaics (BMN).

This is one of the universal ways of assembling porcelain mosaics into sheet.

“LinkTec”

BMN (Back Mounted on Link)

Netting is the conventional method used for assembling of mosaics. Under this method net is glued on the back of the mosaics (BMN).

This is one of the universal ways of assembling porcelain mosaics into sheet.

‘LinkTec’ is the state-of-the-art innovative technology for assembling of mosaics through Robot. Under this method polyurethane links are created at the back of the mosaics (BML) for assembling them into sheet.

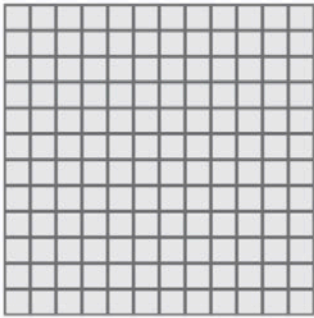
Advantages of “LinkTec”:

- Enables better intadness
- Easy and Faster installation
- Excellent finishing
- Water Resistant
- Weather Resistant

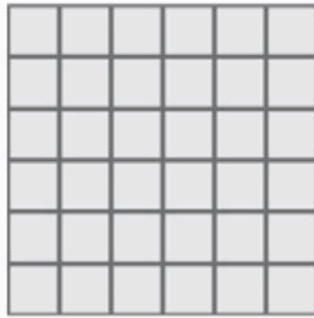
Techniques

Aligned

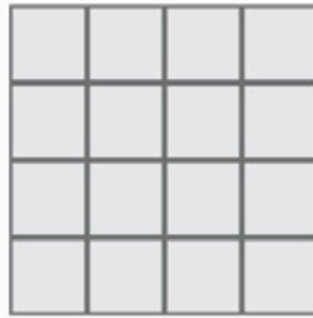
An arrangement of “unsize” mosaics in a regular grid layout, wherein the mosaic placement is parallel & perpendicular to each other with specified joint gap.



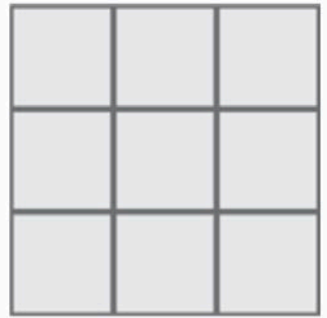
2.5 x 2.5 cm



5 x 5 cm

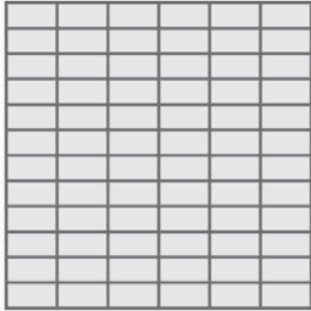


7.5 x 7.5 cm

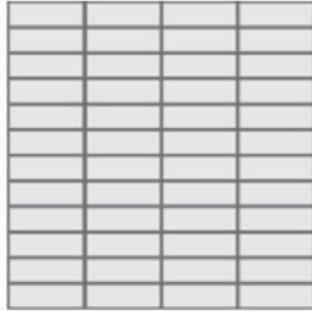


10 x 10 cm

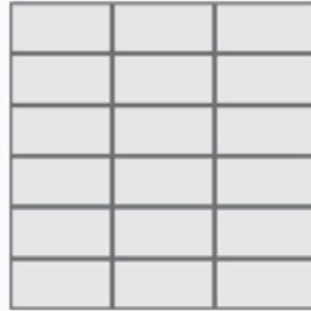




2.5 x 5 cm



2.5 x 7.5 cm



5 x 10 cm

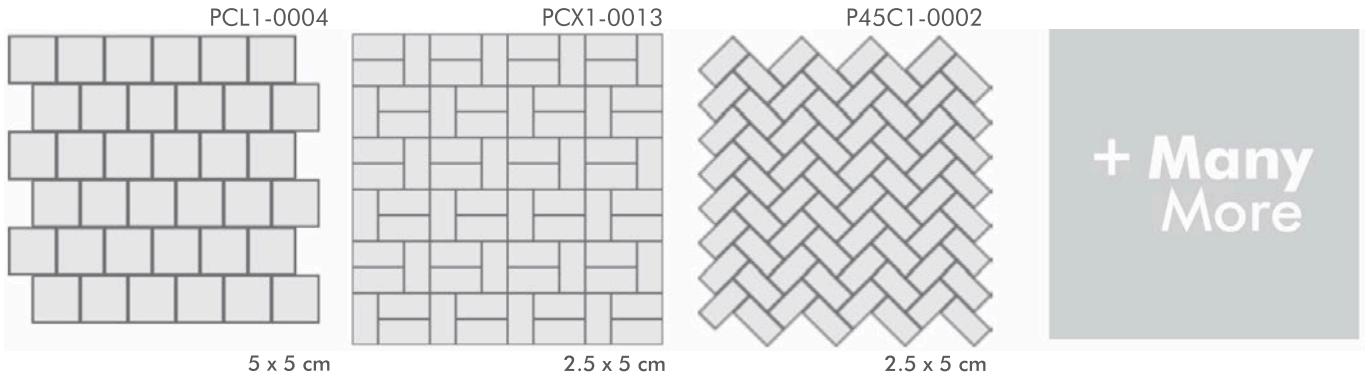
**+ Many
More
Sizes**
COMING SOON...



Techniques

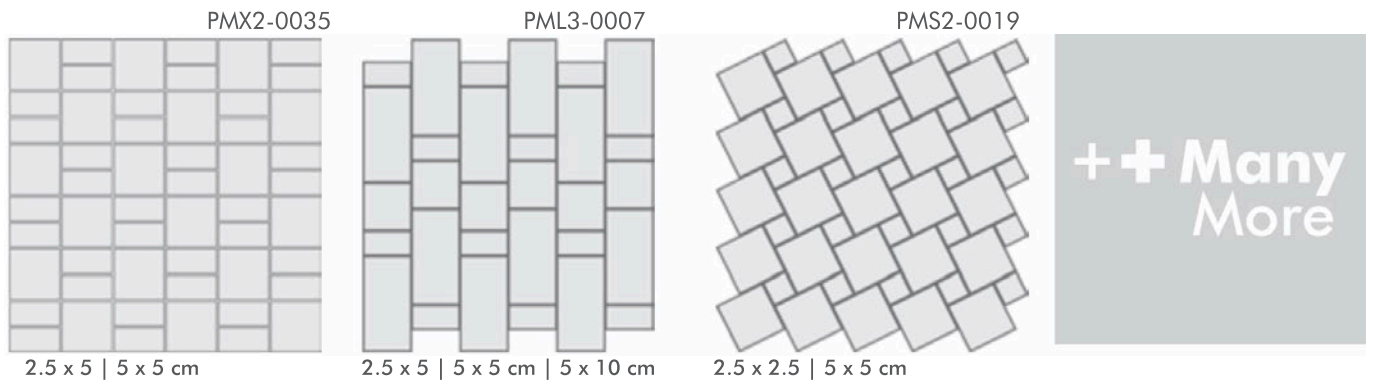
Classic

An arrangement of "unysize" mosaics not in a regular grid layout, wherein the mosaic placement is distinct. In classic technique unysize mosaics are assembled in a pattern which has common specified joint gap.

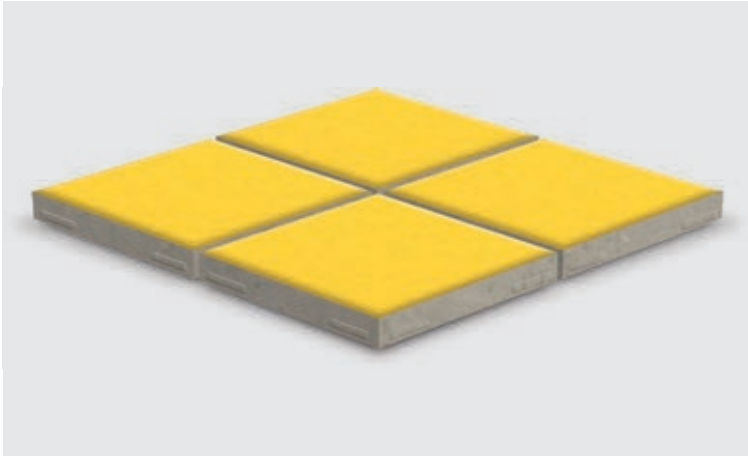


Modular

An arrangement of “multisizes” of mosaics not in a regular grid layout, wherein the mosaic placement is distinct. In modular technique multisize mosaics are assembled together in a pattern which has common specified joint gap.



6 Looks with 200+ colours



Silk

Satin effect

Silk is available in 2.5 x 2.5 | 5 x 5 | 10 x 10 cm;
2.5 x 5 | 5 x 10 cm formats consisting of :-

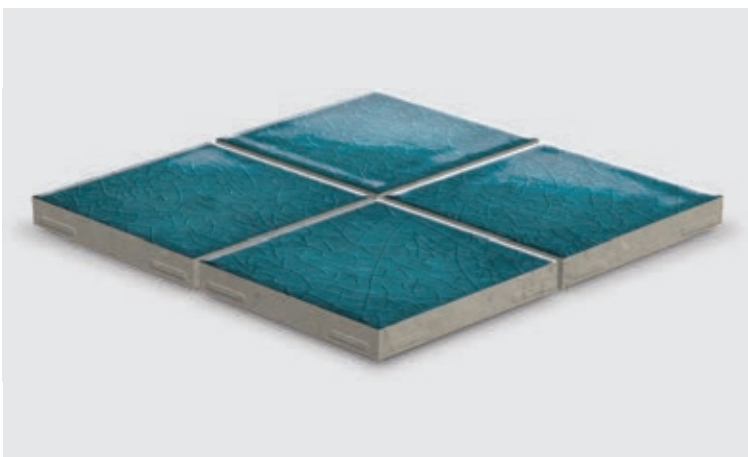
- S¹ 35 Colours
 - S² 20 Colours
 - S³ 16 Colours
 - S⁴ 06 Colours
- } 77 Colours

Velvet

Gloss effect

Velvet is available in 2.5 x 2.5 | 5 x 5 | 10 x 10
cm; 2.5 x 5 | 5 x 10 cm formats consisting of :-

- V¹ 35 Colours
 - V² 20 Colours
 - V³ 16 Colours
 - V⁴ 06 Colours
- } 77 Colours



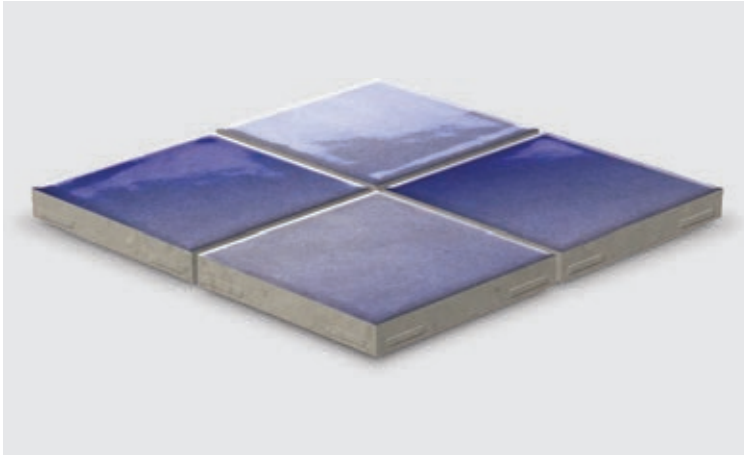
Crepe

Crackle effect

Crepe is available in 5 x 5 | 7.5 x 7.5* cm;
2.5 x 7.5* cm formats consisting of :-

- C¹ 05 Colours
 - C² 07 Colours
 - C³ 08 Colours
 - C⁴ 00 Colour
- } 20 Colours

Multi Looks
To Explore



Denim

Shading effect

Denim is available in 5 x 5 | 7.5 x 7.5* cm formats consisting of :-

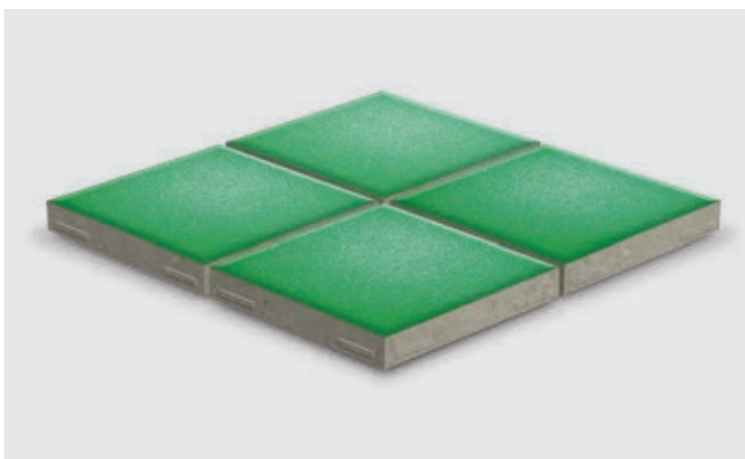
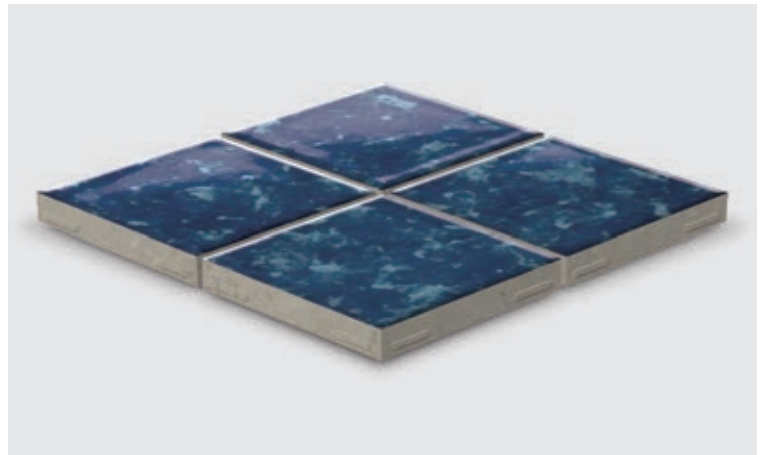
- D¹ 00 Colour
 - D² 01 Colour
 - D³ 03 Colours
 - D⁴ 00 Colour
- } 04 Colours

Moire

Cloudy effect

Moire is available in 5 x 5 cm formats consisting of :-

- M¹ 00 Colour
 - M² 04 Colours
 - M³ 03 Colours
 - M⁴ 00 Colour
- } 07 Colours



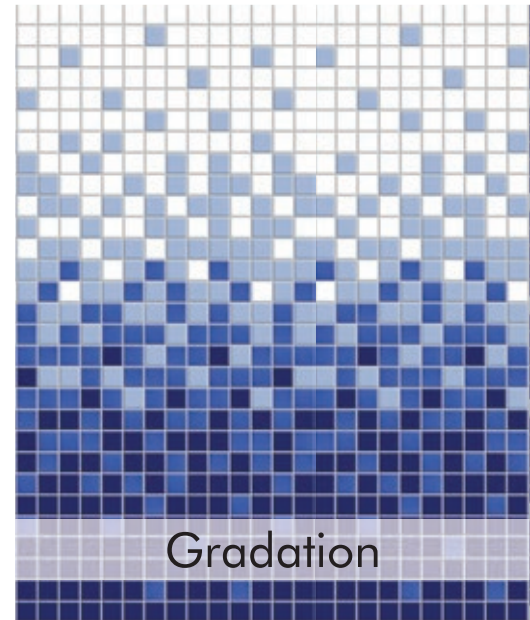
Linen

Grip effect

Moire is available in 2.5 x 2.5 | 5 x 5 cm; formats consisting of :-

- L¹ 10 Colours
 - L² 05 Colours
 - L³ 05 Colours
 - L⁴ 04 Colours
- } 24 Colours

■ ■ ■ ■ Items



Plain

A single colour having one look used in a sheet. In other words. Plain means assembling of “one colour” having “one look” mosaic on a sheet in a particular “technique” in the desired “size/s” and “pattern”.

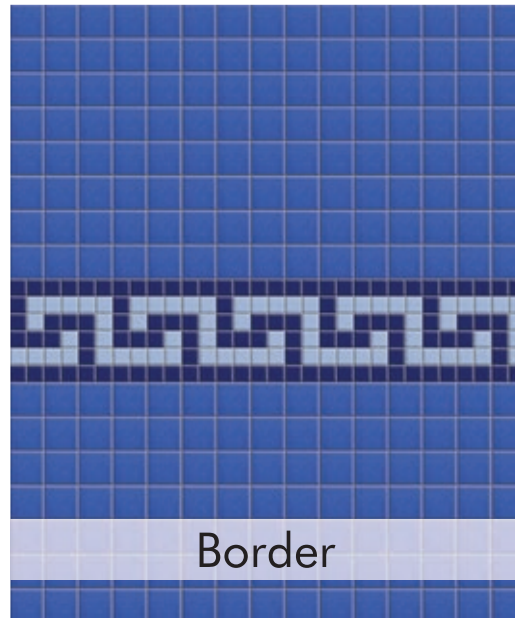
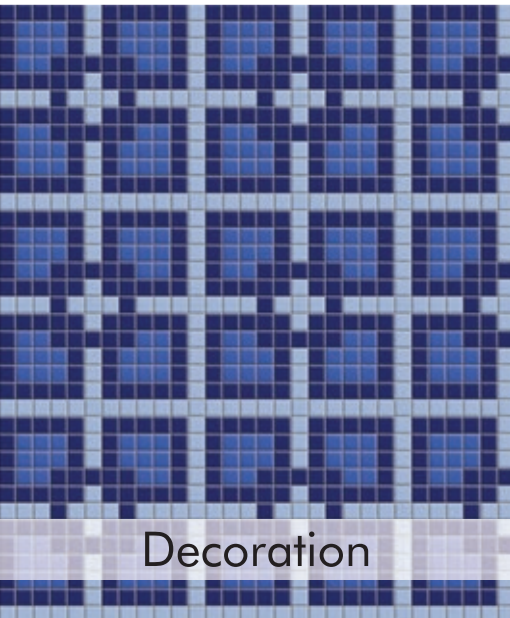
Blend

Two or more colours/looks mixed together in a desired % and placed randomly on a sheet. In other words. Blend means assembling of “two or more colours/looks” mosaics placed randomly on a sheet in a particular “technique” in the desired “% of colours”, wsize/s” and wpdtem”.

Gradation

A series of colours placed in a gradual transition form giving an effect of light to dark (LD) / dark to light (DL) / light–dark–light (LDL) / dark–light–dark (DLD). In other words, Gradation means assembling of “required colours/looks” of mosaics placed randomly on a sheet in a particular “technique” in the desired Msize/s” and “pattern” in such a way that reflects a gradual transition from one colour hue to another. In certain transition, the hue colour gradient can take you to altogether a new colour hue.

*Freedom
of Design*



Decoration

A design made by repeating the modules in all the four directions. In other words, Decoration means assembling of “required colours/looks” of mosaics specifically placed on a sheet in a particular “technique” in the desired “size/s” and “pattern” to create a module (a unit of one/more sheets), where a module can be repeated in all the four directions without hampering the design.

Border

A design made by repeating a small module in “horizontal” as well as “vertical” direction. In other words. Border means assembling of “required colours/looks” of mosaics specifically placed on a sheet in a particular “technique” in the desired “size/s” and “pattern” to create a module (less than a sheet), where a module can be repeated linearly on any side.

Mural

A piece of artwork to create a desired picturesque effect. In other words. Mural means artwork created by assembling of “required colours/looks” of mosaics specifically placed on a sheet in a particular “technique” in the desired “size/s” and “pattern” to give a picturesque effect.

■ ■ ■ ■ Mosaic Accessories

PCS Porcelain Mosaic Accessories are the items having various shapes such as corners, angles, curves, mouldings, etc. Mosaic installations with accessories enhances the aesthetic look of the application areas and at the same time ensures better cleanliness.

Cove Corner - CV



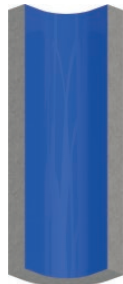
3 x 4 cm

Cove Corner - CX



3 x 4 cm

Trim - CV



4 x 10 cm

Trim - CX



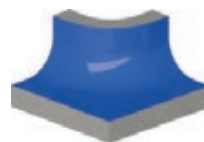
4 x 10 cm

Wide Corner - CV



3 x 7 cm

Wide Corner - CX



3 x 7 cm

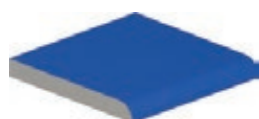
Bullnose -
Single



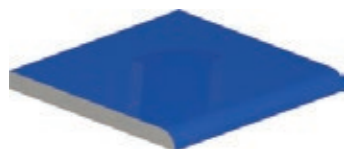
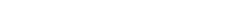
5 x 5 cm



5 x 10 cm



7.5 x 7.5 cm



10 x 10 cm

Bullnose -
Double



5 x 5 cm



7.5 x 7.5 cm



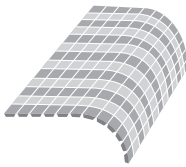
10 x 10 cm



Hotel - Bathroom - Wall
Decoration - Classic - 2.5 x 5 cm
PI19D-2542-1

Why Mosaic

ADAPTABILITY



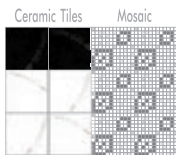
Easy to fix on
curved surfaces

SAFETY



Grip on floor
for better grip
in wet areas.

SEAMLESS
EFFECT



Mosaic application
creates seamless
effect.

DESIGN
CUSTOMISATION













Techniques
Sizes
Looks
Colours

Manufactured as per
International Standards

Test Data

PCS porcelain mosaic thus manufactured are tested as per Test Standards ISO 10545 which describes the test procedures to determine the conformity of the product as per the European Norms:

	WATER ABSORPTION	ISO 10545-3	≤ 0.5%
	BREAKING STRENGTH	ISO 10545-4	Passes
	MODULUS OF RUPTURE	ISO 10545-4	Passes
	RESISTANCE TO SURFACE ABRASION	ISO 10545-7	Resistant
	RESISTANCE TO THERMAL SHOCK	ISO 10545-9	Resistant
	RESISTANCE TO GLAZE CRACKING	ISO 10545-11	Resistant
	RESISTANCE TO FROST	ISO 10545-12	Resistant
	RESISTANCE TO CHEMICAL ATTACK	ISO 10545-13	Resistant
	RESISTANCE TO STAIN	ISO 10545-14	Resistant
	LIGHT AND COLOUR FASTNESS	DIN 51094 / SS301	Passes

Variation in colour tone is an inherent characteristics of high temperature fired products.


Aesthetic Classes - ANSI A137.1





Bungalow - Living Room - Wall
Decoration - Classic - 2.5 x 5 cm
PI19D-2131-1

Limited by
our Imagination



Villa - Living - Floor
Decoration - Moulder - Multi Size
Adventure 11

■ ■ ■ ■ Applications

Sector - Places

PCS porcelain mosaic is suitable for “interior” as well as “exterior” applications.

These applications can be in any “Sector” at many “places”, be it private or public, as listed below:

Commercial

- Manufachjring Plant
- Office
- Show Room
- Warehouse

Educational

- College
- Instihjte
- School

Entertainment

- Gym
- Multiplex
- Spa
- Theme Park
- Water Park

Government

- Court
- Defence
- Post Office
- RTO

Hospitality

- Club
- Hotel
- Resort
- Restaurant

Medical

- Clinic
- Diagnosis Centre
- Hospital
- Pathology
- Physiotherapy Centre

Public Place

- Airport
- Bus Station
- Metro Station
- Port
- Railway Station
- Shopping Moll

Religious

- Church
- Gurudwara
- Mosque
- Temple

Residential

- Apartment / Condominium
- Bungalow / Villa



Bungalow - Dining Area - Wall
 Decoration - Aligned - 2.5 x 2.5 cm
 PI19D-2146-1

Areas

PCS porcelain mosaic beautifies the ambience of different “areas” in any of the above places. Even a tinge of mosaic applied strategically in the following areas can enhance the beauty of the surroundings dramatically:

- Balcony
- Banquet
- Bathroom
- Bedroom
- Boundary Wall
- Chamber
- Conference
- Dining
- Discotheque
- Display
- Facade / Elevation
- Fountain
- Jacuzzi / Sauna / Steam
- Kitchen
- Lift Area
- Living Room
- Lobby
- Lounge / Waiting Area
- Pantry
- Parking Area
- Passage / Walk way
- Puja Room
- Porch
- Reception
- Shower Area
- Staircase
- Swimming Pool
- Swimming Pool Deck
- Terrace
- Wash Area
- Water Feature

Restaurant - Dining - Wall
 Decoration - Classic - 2.5 X 5 cm
 PI19D-2214-1

Surfaces

PCS porcelain mosaic, being small in size, can be installed on curved surfaces as well. "Surfaces" where PCS porcelain mosaic can be applied are listed below:

PRODUCT	WALLS		CURVATURES			DECORATIVES			SUBMERGED		FLOORS			FLOOR USAGE LEVEL (*)				
	Interior	Exterior	Ceiling	Dome	Pillar	Frame	Object	Panel	Pool	Water Feature	Interior - Dry	Interior - Wet	Exterior	Light Residential	Residential	Heavy Residential	Light Commercial	Heavy Commercial
PORCELAIN MOSAIC																		
SILK	•	•		•	•			•	•	•	•	•	•	•	•	•	•	
VELVET	•	•		•	•			•	•	•	•	•	•	•	•	•		
MOIRE	•	•		•	•			•	•	•	•	•	•	•	•	•		
DENIM	•	•		•	•			•	•	•	•	•	•	•	•	•		
CREPE	•	•		•	•			•	•	•	•	•	•	•	•	•		
LINEN	•	•		•	•			•	•	•	•	•	•	•	•	•	•	

(*)

- Light Residential: Floor coverings in areas that are walked on essentially with soft soled footwear or bare feet without scratching dirt. (e.g. Residential Bathrooms & Bedrooms without direct access from outside)
- Residential: Floor coverings in areas that are walked on by soft soled or normal footwear with at the most occasional small amounts of scratching dirt. (e.g. Rooms in the living areas of homes but with the exception of Kitchens, Entrances and other rooms which may have a lot of traffic)
- Heavy Residential: Floor coverings in areas that are walked on with normal footwear more often with small amounts of scratching dirt. (e.g. Residential Kitchens, Halls, Corridors, Balconies, Loggias and Terraces)
- Light Commercial: Floor coverings in areas that are walked on by regular traffic with some scratching dirt. (e.g. Entrances, Commercial Kitchens, Hotel, Exhibition and Sale Rooms)
- Heavy Commercial: Floor coverings in areas that are subject to severe pedestrian traffic over sustained periods with some scratching dirt. (e.g. Public areas such as Shopping malls, Airport concourses, Hotel Foyers, Public Walkways and Industrial Applications)



Recreation Club | Singapore
Customised Design - 5 x 5 cm
PI13P-0181-12



Marriott Crystal Shores | Marco Island
Mural - Aligned - 5 x 5 cm
PI16D-0644-1



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