



## Pigment & Die Mould Glaze Polishing Expert

Precision & Quality in Every Finish.



### Fonic Diamond Tools

Survey No. 298, Near Volga Ceramic, Pipali Road,  
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### Fonic Colour

Survey No.102 Paiki 1/2/3, 8-A National Highway,  
Bh. Laxminagar Village, At Nava Sadulka,  
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Welcome to Fonic At the forefront of ceramic innovation, we specialize in the manufacturing of high-quality ceramic tools, premium Body & Glaze colours.

Our facility combines traditional craftsmanship with advanced technology to deliver products that meet the evolving needs of ceramic artists and manufacturers. From precision tools to a vibrant range of glazes, we are committed to quality, consistency, and creativity.





## About us...

"The accomplishments of the company are the results of the combined efforts of each individual." - Mr. Raju Patel

Fonic Colour (an ISO 14001:2015 & ISO 9001:2015 certified organization) has been working in the industry for the last 20 years. It is an expert manufacturer and exporter of Ceramic colour. Working in the industry for this long has allowed us to act as an independent, globally active pigment specialist with a wide range of high-quality pigments.

Our expertises in the industry and in-depth domain knowledge have allowed us to collaborate with the world's best and most talented minds to produce the best quality products. And these products are making all our customers worldwide, happy and satisfied. We export our state-of-the-art, high-quality products to many countries, including Thailand, Vietnam, China, Dubai, Saudi Arabia, Spain, Brazil, Bangladesh, Sri Lanka, etc.

Thanks to our advanced and high-tech machinery supported by state-of-the-art infrastructure with skilled professionals that demonstrate the highest quality of work, all these qualities have enabled us to produce the best product, and meet and manage the diverse requirements of our satisfied customers.

All the equipment and machinery are best operated by skilled professionals to maintain the quality of the work throughout the batches. And to maintain the quality and accuracy of the products, we have appointed multiple and specific quality assurance officers who look after the products' quality.

The following are some of the factors that helped us stand out from our competitors:

- Quality assurance
- Client-centric approach
- Economical pricing
- Safe and proper packaging
- Timely delivery
- Sound processing unit



## Director's Profile

### Mr. Raju Patel

Chairman & Managing Director

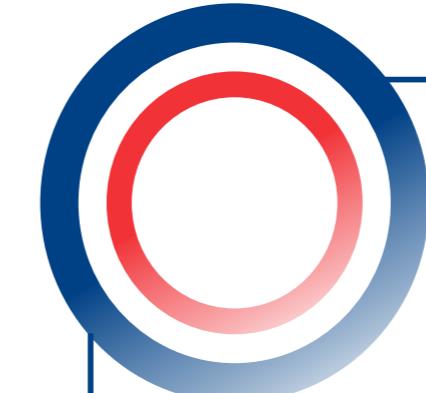
“

Our company is standing on four important pillars that provide continuous support since the beginning, including strength, power, trust, and innovation. We have innovated our products and included some of the best technology to our manufacturing process to make the best and high-quality products that provide value to our customers and help them make even better products with our fine products.

We are extremely proud of our talented and skillful employees and stakeholders who are giving their 100% to the company Which leads to continuous growth every year.

We hope to make Fonic Colour one of the best companies that provide consistent value with high-quality products.

”



## Our Product

- Lappato Abrasive
- Brush Abrasive
- Squaring Wheel
- Chamfering Wheel
- Resin Bond Wheel
- Nano Chemical
- Nano Ped
- Body Colour
- Glaze Colour
- Ceramic Die mould & Punch
- Soluble Salt
- Liquid STPP
- Body Binder

In an era of a glamorous world, people want their interior center of attraction, and our finest color collection perfectly fits in. An eye-catching color that gives you a seamless experience on the surfaces. Therefore, our creation gives you a quality attraction in your interior & exterior.

## Our Capability



The culture of a company is the sum of the behaviours of all its people, and our behaviour towards the company operations has increased our capability to deliver satisfied and high-quality products. We are equipped with highly advanced and innovative equipment that allows us to be capable of producing errorless products that provides satisfaction to our clients. Our capability of producing enough products that meets the requirements of our clients almost all the time.

However, this has been a great feeling of producing one of the finest products for our industry. Choose from our range of product that shows our versatility of producing various products, including body colour, glaze colour, ceramic rubber punch & master mould, Ceramic tile polishing Abrasive Tools soluble salt and STPP.



## Our Mission



Our mission is to develop an exciting culture driven by high innovation and productivity to make sustainable growth that provides an excellent final product that adds value.

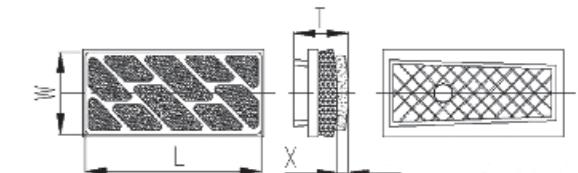
## Our Vision



Our vision is to make Fonic Colour and Ceramic tools a global market leader in providing high-quality ceramic pigments and ceramic tools to industry leaders who are providing value to the globe by using our quality products.



## Glazed Polish Lappato Abrasive



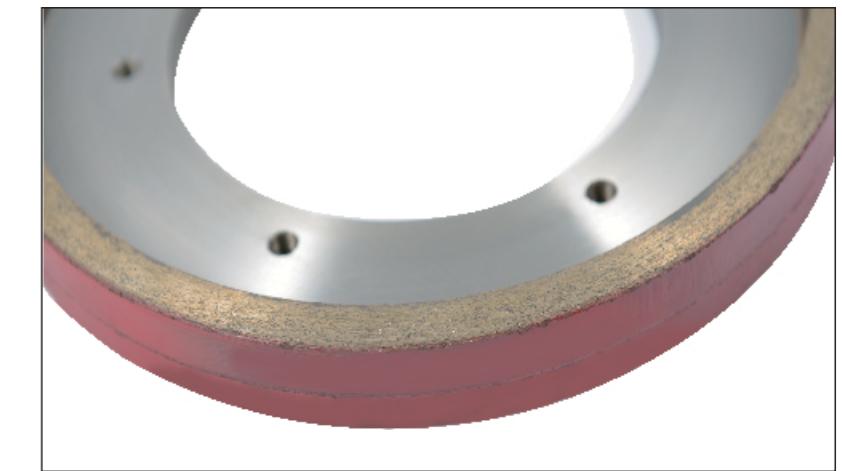
### Spec and parameter

Model	Grit	Specification	Shape
L140 T1	80# 100# 120# 150# 180# 240# 320# 400# 500# 600# 800# 1000#	133*58/45*38	Souare teeth/ bevel teeth
	1200# 2000# 3000# 5000# 6000# 8000#	164*62/48*48	

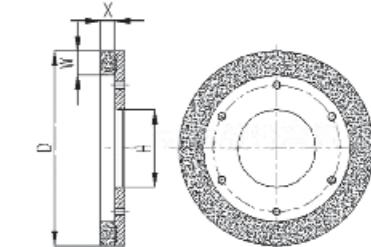
Remark: Customization is available upon request.

Glaze polishing abrasives are used on normal polishing machines to make flexible full-polishing and semi-polishing on the surfaces of rustic tiles, stone-like porcelain tiles, crystal-effect polished porcelain tiles and glaze tiles. Our glaze polishing abrasives are approved for their excellent shaping effect, good sharpness, high gloss and long working lifetime.

## Continuous Rim Squaring Wheel



- 1, Excellent sharpness, long lifetime and lower working noise.
- 2, Excellent in verticality and size without breaking and chipping on tiles.
- 3, Strict Production process control and stable quality
- 4, Select the suitable formulation and grit matching according to different tiles.



### Spec and parameter

External diameter	Inner Diameter	Mounting hole QTY	Distance between holes	Segment size
150	30/32/50/80	3/4/6	60/80/105/110	8/9/10*10/12/14
200	50/80/140	4/6/12	105/110/165/180	8/9/10*10/12/14
250	50/80/140	4/6/12	105/110/165/180	8/9/10*10/12/14
300	50/80/140	4/6	105/110/165	8/9/10*10/12/14

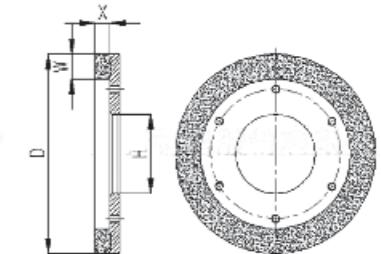
Remark: Customization is available upon request

## Resin-Bond Diamond Squaring Wheel

The Resin Bond Diamond Squaring Wheel is a precision tool designed for high-performance edge squaring of ceramic tiles and vitrified surfaces. Engineered with a durable resin matrix and high-grade diamond abrasives, this wheel ensures smooth, chip-free finishing with excellent dimensional accuracy. It is ideal for fine calibration, delivering high output with reduced vibration and minimal wear on the machinery. Suitable for both wet and dry grinding applications, it offers superior performance in tile finishing lines, especially for glazed and polished tiles.



It's used to make the edges of ceramic tiles more flat, smooth and high precision size. There are two types of resin-bond diamond squaring wheels: Continuous Rim and Working layer with flume.



### Spec and parameter

External diameter	Inner Diameter	Mounting hole QTY	Distance between holes	Segment size
150	80	6/12	105/110	25/30*15
200	50/80/140	6/12	105/110/165/180	25*15
250	50/80/140	6/12	105/110/165/180	40/35/30/25*15

Remark: Customization is available upon request.

## Chamfering Wheels



# CHAMFERING WHEELS

Chamfering wheel is used to make chamfering after squaring on ceramic tiles. There are Resin-bond Silicon carbide chamfering wheel and Resin-bond diamond chamfering wheel.



### Spec and parameter

Product name	External Diameter	Segment size
Resin chamfering wheel	120/125	40*12/15
Silicon chamfering wheel	125	25*15
	125	40*18
Diamond Chamfering wheel	120/125	40/45*12/15

Remark: Customization is available upon request.

## Brush Abrasive



It's also known as matte brush. This product is installed on the ordinary polishing machine, and it performs the matte treatment on the plane, concave and convex surface and the sheepskin surface of the antique brick and porcelain brick. It has a long service life and good processing effect (the brick surface can be made of silk satin and antique Effect), the luminosity is between 6° ~ 30°.

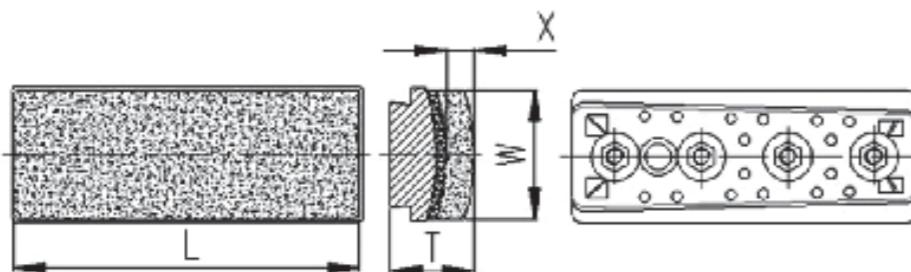


### Spec and parameter

Shape	External diameter/Model No	Grit
Round	110/130/200/250/600	24# 36# 46# 60# 80# 100# 120# 150# 220# 240# 320# 400# 600# 800# 1000# 1200# 1500# 1800#
Square	L140/L170	

Remark: Customization is available upon request.

## Diamond Abrasive



## POLISHING ABRASIVE



Diamond fickert is used to make rough and medium grinding on ceramic tiles surface in the replace of traditional silicon carbide abrasives. Our metal bond fickert are approved for the high frinding efficiency, excellent grinding effect, competitive price and performance ratio.

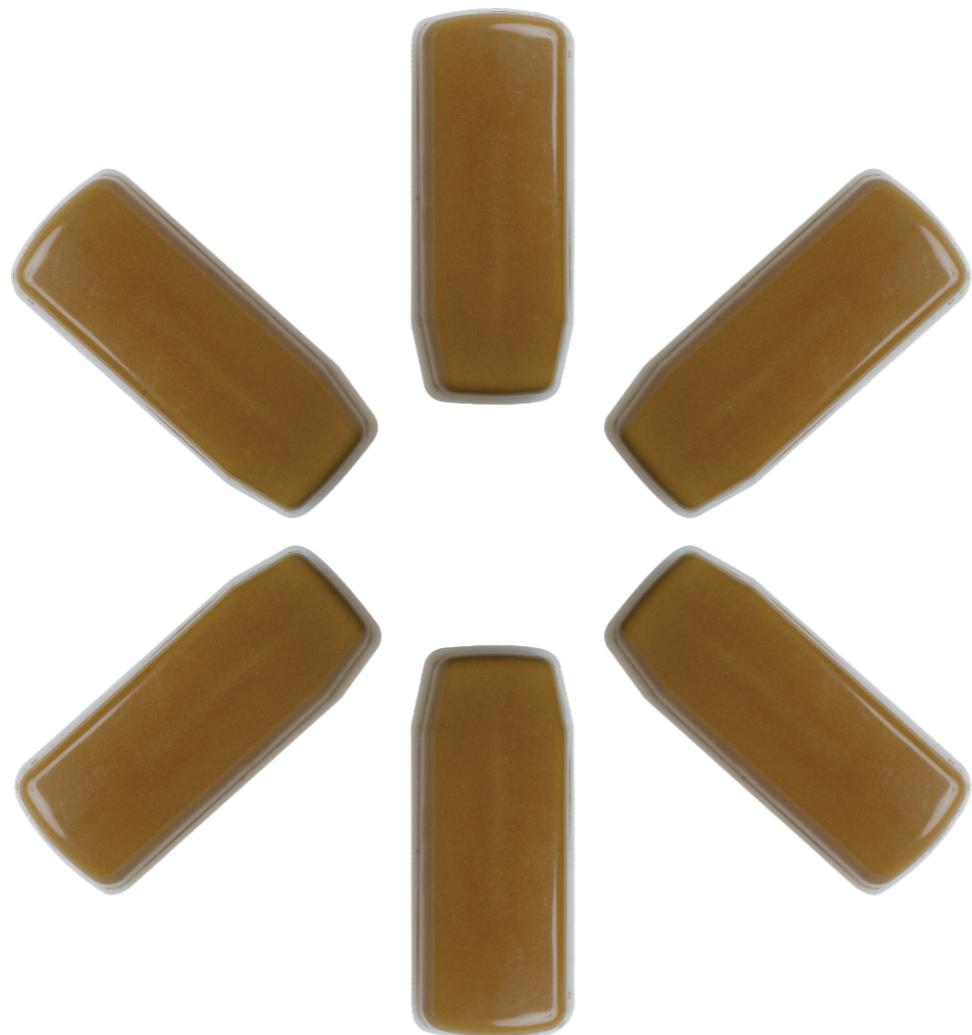


### Spec and parameter

Model	Grit	Specification	Shape
L140 T1	46# 60# 80# 100# 120#	133*57*13	Rough and Medium Grinding
L170 T2	150# 180# 240# 320#	162*59*13	

Remark: Customization is available upon request

## Resin Bond Abrasive



Resin Bond Diamond Fickert is used to make fine and finish grinding in order to improve the gloss on ceramic tiles surface. Our resin bond diamond fickerts are approved for their excellent grinding and polishing effect, long working lifetime and competitive price and performance ratio.

Quality is the core of production, procedure and our company spirit.

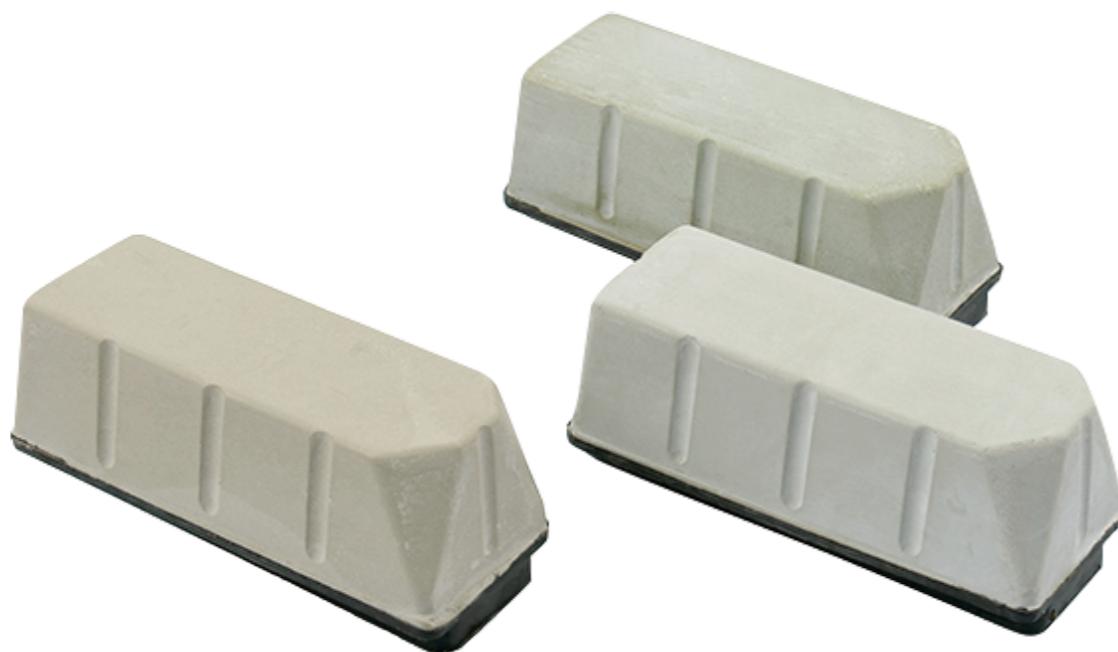


### Spec and parameter

Model	Grit	Specification	Shape
L140 T1	120# 150# 180# 240# 320# 400# 500#	133*58*12 133*45*12	Fine and finished grinding
L170 T2	600# 800# 1000# 1200# 1500#	164*62*48 164*48*48	

Remark: Customization is available upon request.

## Silicon Carbide Abrasive



Silicon carbide abrasive is used to make rough, medium and fine grinding and polishing on ceramic tiles surface. They are the traditional grinding and polishing materials with the longest history and the most mature technique in the field of hard and fragile polishing materials. Till now there is still a high ratio consumption of these traditional abrasives in the grinding and polishing of granite tiles.

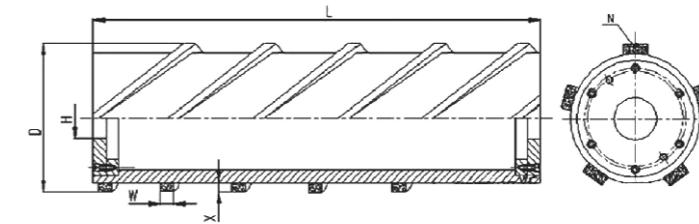
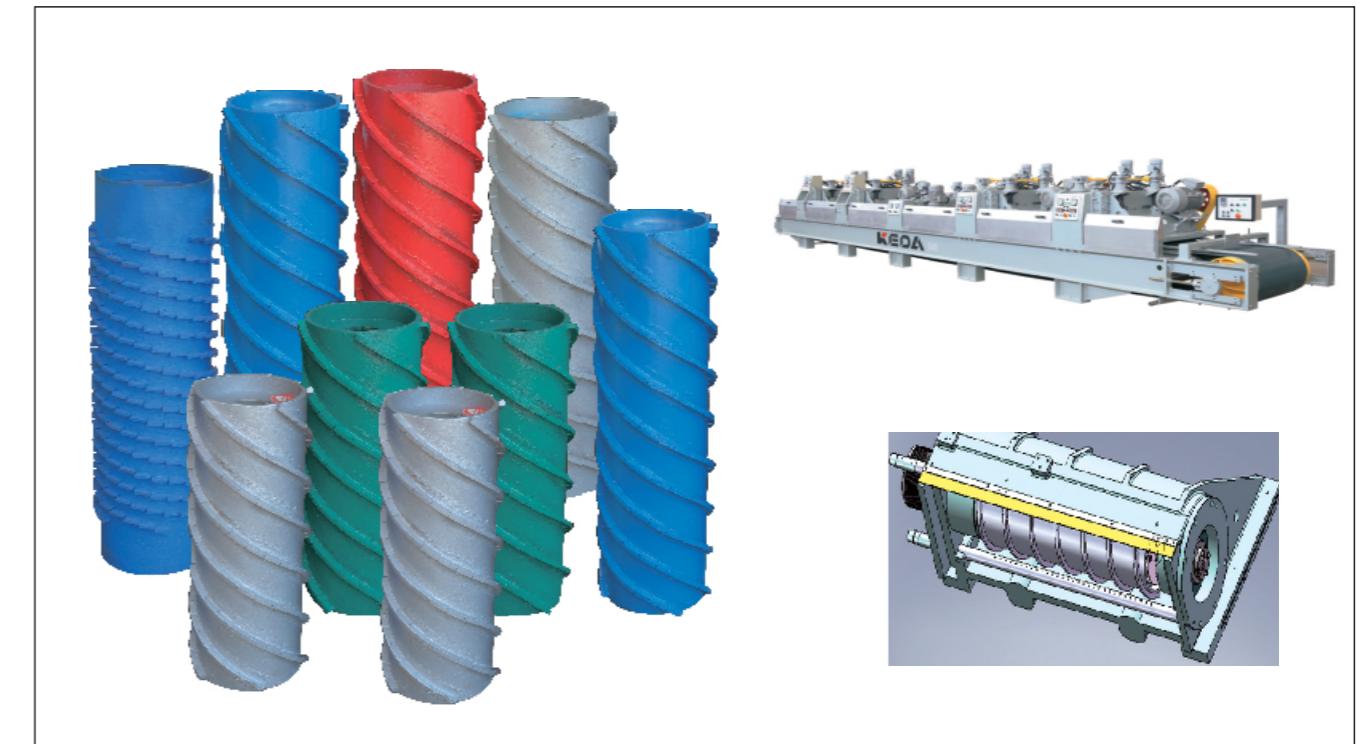
### Spec and parameter

Model	Grit	Usage
L140 T1	26# 36# 46# 60# 80# 100# 120# 150# 180# 220# 240# 320# 400# 600# 800#	Rough and medium grinding, fine and last polishing
L170 T2	1000# 1200# 1500# 1800# 2000# 2500#	

Remark: Customization is available upon request

## Diamond Calibrating Roller

Diamond calibrating roller is most commonly used to calibrate and achieve a uniform thickness on ceramic tiles surface before polishing. Thanks to the continuous technical improvement and the feedback from our customers, our diamond calibrating rollers are approved for their good sharpness, long working life time, low energy consumption, low working noise, excellent working effect and stable performance. There are Saw tooth, flat tooth and deformation roller.



### Spec and parameter

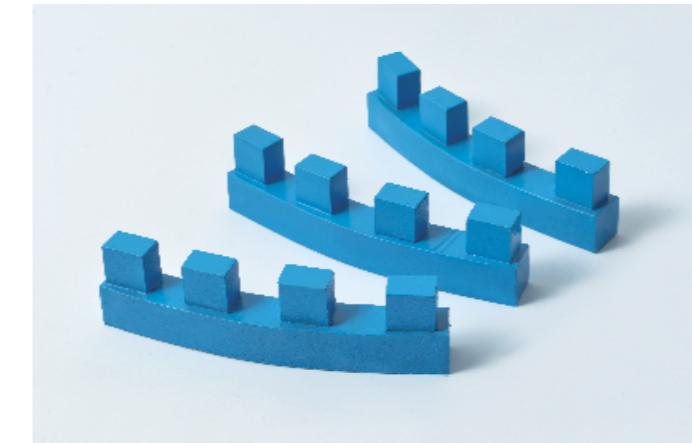
External diameter	Length	SPIRALS	Segments Size	Grit
180 ~ 320	595	5/6/7/12/16	9*12/15 10*12/13/14	30#
	645 (585)			40#
	800(680)			50#
	800(740)			60#
	995(935)			70#
	1195(1135)			80#
	1600(1540)			100# 120#

Remark: Customization is available upon request

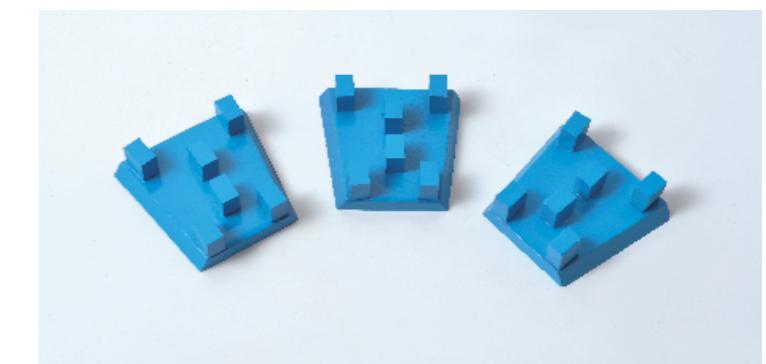
## Dry Squaring Wheel



## Diamond Grinding Strip



Specially used for calibrating and thickness fixing on natural stone, artificial quartz stone and other non-metal materials. Diamond roller, grinding plate and cylindrical wheel etc. are available upon requirement. These tools can be used on all calibrating grinding and polishing machines.



## Dry Chamfering Wheel



### Spec and parameter

Item	Diameter	Shape	Segments Size	Grit
Grinding disc	240	Spiral Single/ double line	40.8*9*15	24# ~120#
	380		40*15*20	
	450		44*19*16	
	500		26*12*20	
	600		40*12*20	
Grinding strip	600	Single line	35*20*20	
Cylindrical wheel	180	Pacco-disc spiral	40*13*8	
	200		40/36*9*10	

Remark: Customization is available upon request.



## Ceramic Body & Glaze Colour



**Body Color:** A smooth, warm buff beige clay body with subtle speckling, offering a neutral yet earthy base. The body color has a soft, natural tone that complements both muted and vibrant glaze finishes. When fired, it presents a consistent, semi-matte surface with minimal warping or distortion, ideal for showcasing glaze effects.

**Glaze Color:** Finished with a translucent glossy cobalt blue glaze that pools richly in carved or textured areas and appears lighter over raised surfaces. The glaze breaks beautifully over edges, revealing hints of the underlying buff clay, adding depth and visual interest. The high-gloss surface enhances color saturation and creates dynamic reflections under light.

**Body Colour** is suitable for the surface Colour of internal Floor tiles / external Slab Tiles, Full Body Tiles, Double Charge Tiles & Glaze Colour is suitable for the surface Colour of internal wall tiles / external wall Tiles, Sanitary Ware and daily use ceramic. Mixing the different pigment can get multiple colours. And those colours can be used to make one of the best and remarkable ceramic products

These are some of the technical details to keep in mind while selecting the product. Fire temperature range 1200°C to 1300°C. The component of the basic **Body & Glaze Colour**, the firing atmosphere, the choice of emulsion, will affect the colour of pigment in Body & Glaze.

### General Information

Company: **FONIC COLOUR**

Product Type: **Ceramic Glaze & Body Colour**

Chemical Type: In - Organic

Testing Standard: **ASTM C 604-2002, GB/T 19077.1-2008, GB/T 16537-2010, GB/T1347-2008**

### Physical Properties

Appearance Dry: **Odourless; Uncontaminated; Without coarse agglomerates**

Density (g/cm<sup>3</sup>): **0.9 to 1.20**

Average Particle Size (um)\*: **13.1**

D<sub>50</sub> (um)\*: **13.71**

D<sub>97</sub> (um)\*: **24.50**

M2/c.c. : **0.93; Soluble salt <0.25%; Ignition Loss (1025°C); 0.25mg/L; PH: 6.7-7.0 (10g/L)**

\*Testing instrument is OMEC Easysize 20 Laser Particle Size Analyzer

### Impurities

No metallic iron/ metals present in product from processing equipment or handling.

pb<0.01 mg/L; Cd<0.01 mg/L; Hg <0.1mg/L

### Transport

No dangerous substance (**EEC EINECS LISTING! 269-075-7**)

GS-CODE: **32071000**

Packaged in **25 kg** plain paper bag

### Application

Suitable firing temperatures: **1000'C~1300'C in oxide or slight reduce atmosphere**

**Note:** The analysis data in this document refers to the test report conducted by the third party **Research Institute Testing Co Ltd.**

## Body Colour

Code	Description	Composition	Temp.	Colour
FC-2531	Pink	Al-Mn	1250°C	
FC-25725	Si. Red	Al-Fe	1250°C	
FC-25730	Alu. Red	Al-Fe	1250°C	
FC-2531	Yellow	Ti-Sb-Cr	1250°C	
FC-2515	Pr. Yellow	Zr-Si-Pr	1250°C	
FC-2525	G.Brown	Tu-Si-Fe	1250°C	
FC-2564	Orange	Ti-Sb-Cr	1250°C	
FC-2599	Coffee	Fe-Cr-Fe	1250°C	
FC-2543	Coffee	Fe-Cr-Fe	1250°C	
FC-2518	Green	Cr-Si	1250°C	
FC-2518	Co-AL Blue	Co-Al	1250°C	
FC-25144	Black	Cr-Fe	1250°C	
FC-2517	Black	Cr-Fe	1250°C	
FC-2518	Black	Cr-Fe	1250°C	

## Body Colour

Code	Description	Composition	Temp.	Colour
FC-25722	Purpale	Co-Al-Mn	1250°C	
FC-25555	Verde Green	Cr-Al-Ti-Sb	1250°C	
FC-25611	Peacock Green	Cr-Al-Co-Zn	1250°C	
FC-25600	Peacock Blue	Cr-Al-Co-Zn	1250°C	
FC-25544	Levender	Cr-Al-Co-Zn	1250°C	
FC-25777	L.Grey	Cr-Al-V-Zn	1250°C	
FC-25788	D.Grey	Cr-Al-V-Mn	1250°C	
FC-25799	R.Grey	Cr-Al-V-Mn	1250°C	
FC-25577	Aquwa Green	Zr-Si-Pr-V	1250°C	
FC-25566	Mint Green	Zr-Si-Pr-V	1250°C	
FC-25622	Pista Green	Zr-Si-Pr-V	1250°C	
FC-25711	Leaves Green	Zr-Si-Pr-V	1250°C	
FC-25733	Bhama	Cr-Ti-Fe-Sb	1250°C	
FC-25766	T.Blue	Zr-Si-V	1250°C	

## Glaze Colour

Code	Description	Composition	Temp.	Colour
GL-2003	Inc. Orange	Zr-Si-Cd-Se	1250°C	
GL-2022	Inc. Orange	Zr-Si-Cd-Se	1300°C	
GL-1025	Inc. Red	Zr-Si-Cd-Se	1250°C	
GL-1020	Inc. Red	Zr-Si-Cd-Se	1250°C	
GL-2538	Inc. Red	Zr-Si-Cd-Se	1250°C	
GL-2002	Peach	Sn-Cr-Ca-Si	1300°C	
GL-0906	Maroon	Sn-Cr-Ca-Si	1300°C	
GL-1909	Corel Pink	Zi-Si-Fe	1250°C	
GL-1903	Corel Pink	Zi-Si-Fe	1250°C	
GL-9112	Pr. Yellow	Zi-Si-Pr	1250°C	
GL-0735	Golden Brown	Fe-Cr-Al-Zn	1300°C	
GL-2809	Golden Yellow	Fe-Cr-Al-Zn	1300°C	
GL-7052	Red Brown	Fe-Cr-Zn	1300°C	
GL-2800	Red Brown	Fe-Cr-Zn	1300°C	
GL-8531	Coffee	Al-Cr-Fe-Mn	1250°C	

## Glaze Colour

Code	Description	Composition	Temp.	Colour
GL-1112	Peacock Green	Co-Cr-Al-Zn	1300°C	
GL-8701	Silver Grey	Sb-Sn	1300°C	
GL-8702	Grey	Co-Fe	1300°C	
GL-3916	Turquoise Blue	Zr-Si-V	1300°C	
GL-1113	Peacock Blue	Co-Cr-Al-Zn	1300°C	
GL-3118	Cobalt Blue	Co-Al	1300°C	
GL-1015	Co.Si. Blue	Co-Si	1250°C	
GL-7101	Co.Black	Co-Fe-Cr-Ni	1300°C	
GL-0634	Co.Black	Co-Fe-Cr-Ni	1300°C	
GL-9004	Black	Mn-Fe-Cr-Ni	1250°C	
GL-8822	Black	Mn-Fe-Cr-Ni	1250°C	
GL-7100	Ivory	Zr-Si-Pr-Fe	1250°C	
GL-3425	Green	Cr-Co-Al	1300°C	
GL-7404	Sorento Blue	Co-Al-Si	1300°C	
GL-7507	Purple	Co-Al-Sn-Cr	1260°C	



## Ceramic Tiles Mould and Punch

The mould with interchangeable boxes for multi-format is a superior quality product, which allows to go from one format to another through the simple exchange of the mould cases. For this reason it is not necessary to repeat all the electrical and hydraulic connections and, therefore, it allows not to move and consequently center the trolley again.

In this case too, all operations are carried out "in front of the press". This type of mould is multi-format, easy use and characterized by rapid changes.



## Ceramic Tiles Mould

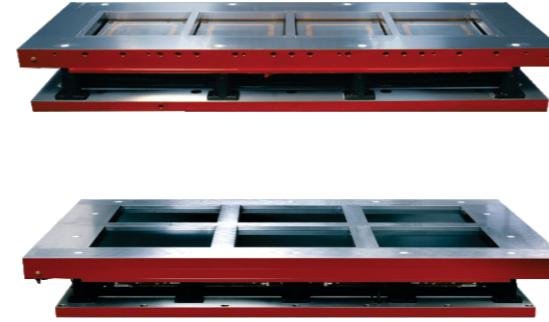


### Tiles Complete Mould Set

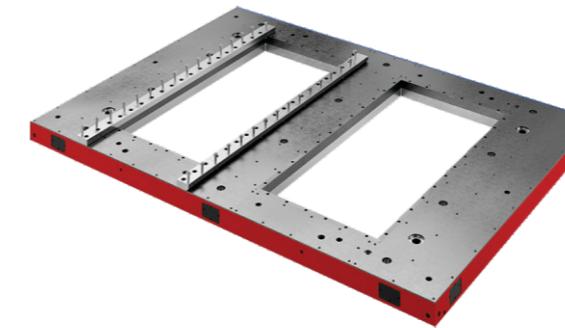
The mould with interchangeable boxes for multi-format is a superior quality product, which allows to go from one format to another through the simple exchange of the mould cases. For this reason it is not necessary to repeat all the electrical and hydraulic connections and, therefore, it allows not to move and consequently center the trolley again.

### Entering Punchcutting Mould

The Entering Punchcutting mould (PE) is the most adopted for simplicity, versatility of use and low costs in terms of construction. It is suitable for any type of press, as well as for any type of tile dough: double-fired, single-fired and porcelain stoneware. The tile is inserted with its "good side" facing downwards, in which there are plates, either with or without a spacer, a matrix, heated pads and an autonomous movement system.

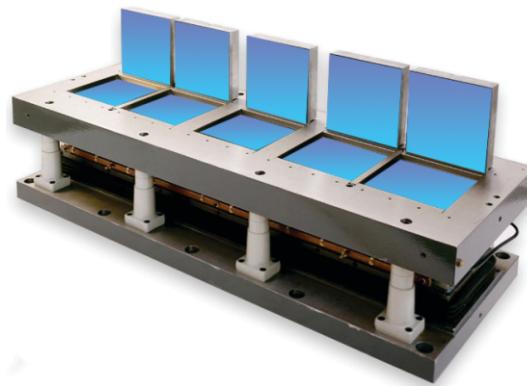


## Ceramic Tiles Mould



### Die Box

Die box is one of the main components in the mould, Responsible for shaping the tile's sides and determining its size, Manufactured from C45 material.



### Semi-Entering Mould

A simple Mould with low cost that's easy to produce ceramic tiles with in large quantities and you can also produce different relief heights in the same mould, however, it's not suitable for a product with a high-quality surface like porcelain, as the tiles exit on their face.



### SFS Mould

A more complex Mould with a higher cost that can produce porcelain and scratch-free tiles surface, It consists of upper and lower dies that press the tiles between them, avoiding friction and the tiles exit on their back.

## Mould Accessories



### Electro-magnetic Upper Plate

A relatively cheap magnet that requires electricity to operate, can get heated due to electricity running through it, care should be taken as it loses its magnetism during power outage.

### Carbide Liners

Strips with inserts made of extra-hard material that ensure high wear resistance.



### Leather Bellow

Usually made of natural leather, caoutchouc, or Silicone (elastic materials), fixed between the base plate (fixed part) and the blocks holder (moving part) which is the reason the material needs to be elastic to prevent any leaks inside the mould.

## Mould Accessories

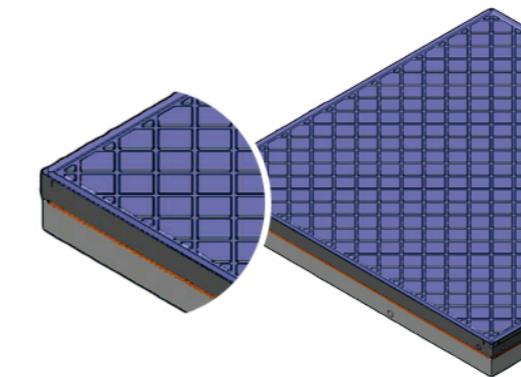
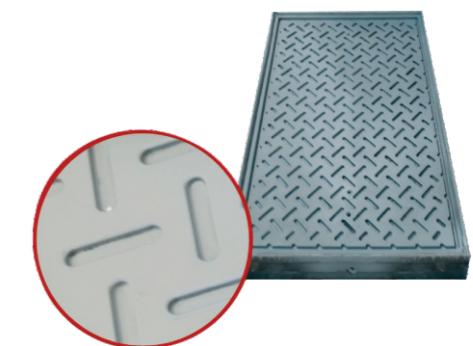


### Magnetic Block

A magnetic block is Located in the center of the die box's cavities, It's function is to hold the lower punches in place while pressing, through the utilization of magnetic force.

### Isostatic Punch (Slot)

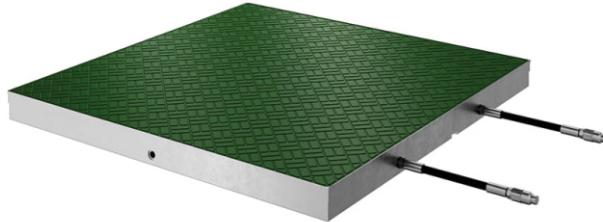
Either that the slot is part of the punch's body (the old method), Or to be a metal grid that's fastened to the punch with screws, the new method is easier to manufacture but surprisingly is relatively lower in compensation than the first.



### Traditional punches

A punch with a simple design, its depth varies from 1.6:2 mm and filled with resin that varies in thickness from 0.6:1 mm.

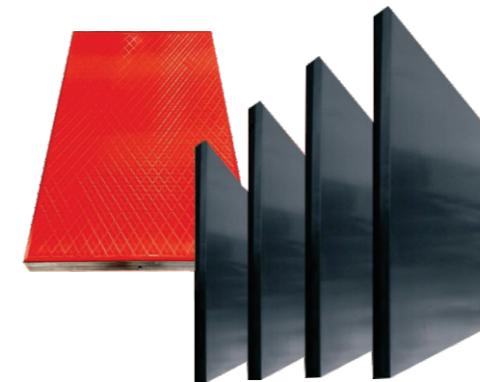
## Ceramic Tile Punch



### Upper Isostatic Punch

Isostatic punch with plugs that is an excellent compromise between reliability, compensation and contact surfaces (very important during firing).

## Ceramic Tile Punch



### Ceramic Punches

It is a punch whose chroming allows you to create tiles with the highest quality surface. It is particularly suitable for pressing unglazed porcelain stoneware. The hardening that characterizes this punch allows high wear resistance.

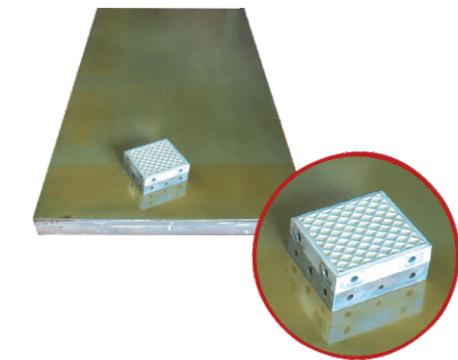
### Plain Punch Mirror Finish

The word "smooth" perfectly describes the purpose of this type of punch and it is to obtain a completely or almost completely smooth surface on the tile or ceramic piece that is obtained with them.



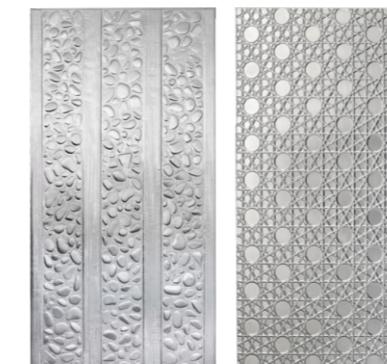
### Punches with Edge Spacer

It is a punch produced in steel, with high resistance hard-facing on the outer edge. It is coated on the surface with rubber or resin which can be of different type and hardness according to the customer's needs. The goal of this product is to obtain superficial creations with the desired effects.



### Elevation Punch

The part responsible for shaping the ceramic tiles face and backside, It consists of two types: the upper punch which is Installed on the magnetic upper plate.



### Master Mould

Produces Aluminum and Bakelite punches in order to create relief texture on the ceramic.

## Capco Chem. Industries



### Description

Soluble Salt is aqueous organic complexes of metal cations. These are used for decoration of polished or unpolished vitrified ceramic tiles. The technology facilitates decoration with pleasing colours and special effects. Being water soluble, softer shades can easily be obtained by diluting the solution with water.

### Working Principle

Under controlled conditions, these salts penetrate vertically into the green tile body to a required depth. The colours develop during the combustion process of kiln firing under oxidizing condition. Since the colours penetrate to a predetermined depth, tiles can be polished without losing the decoration. Thus the process is capable for decorating polished, unpolished and rustic tiles with consistency/uniformity.

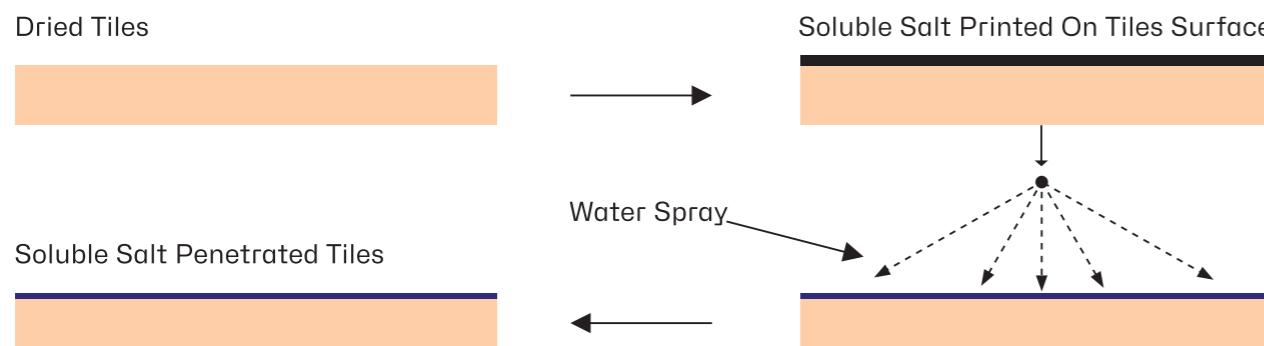
### Application Areas

Polished/Unpolished Vitrified Tiles

### Packaging & Delivery

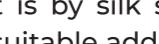
50 kg, 250 Kg & 1000 Kg HDPE drums

### Schematic Diagram



## Soluble Salt

### Product Range

Sr. No	Description	Product Code	Colour
01	Beige	FLC - 510	
02	Brown	FLC - 410	
03	Yellow	FLC - 466	
04	Blue	FLC - 927	
05	Black	FLC - 842	
06	Yellow Brown	FLC - 480	
07	Grey	FLC - 610	
08	Green	FLC - 526	
09	Dark Green	FLC - 527	
10	Dark Brown	FLC - 415	

### Direction For Use

Most common method to apply soluble salt is by silk screen. The printing paste needs to have correct viscosity, which must be achieved by suitable additives. For reference, the additives are used in following proportion by weight of soluble salt. However exact proportion may vary depending on application, pH value and specific gravity of the salts. The paste should be allowed to age for at least 30 minutes, preferably one hour before printing. It is advisable to consume the paste within 4-5 days. If kept in tightly closed containers, the paste can be stored for about 15 days.

### Recommended Dosage

Soluble Salt	-	1000 g
Thickener	CTD AD 008 / CTD AD 010	35/40 g
Carrier	CTD AD 007	60g

## Liquid STPP

### Manufacturer of Liquid STPP

Liquid STPP Ceramic Chemical is a new generation mud conditioner developed from the liquid polymeric deflocculated for fresh and salt water muds, especially at elevated temperatures of 450 °F and above. Primary application is in fresh and brackish water muds of low to intermediate density.

### General Information

Product Type: **Liquid S.T.P.P.**

Chemical Type: **In-Organic**

Usage: **Only Ceramics**

### Physical Properties

Density (g/cm<sup>3</sup>): **1.27 to 1.28**

Viscosity (B4cup/s): **18 to 20 second**

PH: **12.50 to 13.50**

Colour: **Yellow**

Transport: **No Dangerous Substances**

Packaged in **250 kg** Pvc Drum



## Body Binder

### Manufacturer of Body Binder

Binders are substances that improve the ceramic body binder strength of green ceramic bodies so they can pass through production steps, before firing, without breakage. In many cases, binder additions to bodies are essential (without them some production processes would be impossible). For instance, in the pressing process of powders, adding organic binders makes possible a forming method that is independent of the plasticity) There are a wide variety of binders used in traditional ceramics, including natural products, like cellulose or clays, and synthetic products, like polyacrylic acids or polyvinyl alcohol. Acrylic-based polymers are common binders that impart high green strength (>2 MPa) at low concentrations (<5.0 vol%). Strength at low binder concentrations may be determined by chemical bonding at the ceramic polymer interface.

Lithos has binding solutions for all processes of agglomeration – Pelletization, Briquetting, and Extrusion.

Our organic binder range is polyacrylamide-based and offers several advantages compared to other binders:

- Low dosage
- Higher Metal/Oxide content of the pellet/briquette
- Good Green properties – plasticity and rigidity
- Reduction of slag volume
- High GCS, DCS and CCS
- Can be dried or cured at ambient temperature

We are able to conduct trials in our Pilot Testing Center at our headquarters facility in France.



## Group of Company's Chairman

With a visionary mindset and an unwavering dedication to quality and innovation, **Harshad Patel**, the Chairman of Group of Company, has been the driving force behind the company's growth and reputation in the ceramics industry. Under his leadership, the company has evolved from a promising startup into a leading name known for excellence in ceramic tiles, sanitaryware, and advanced surface solutions.

**Harshad Patel** has guided the company through phases of expansion, product diversification, and global outreach. His strategic insight and commitment to staying ahead of design and technology trends have helped the company consistently meet the evolving needs of modern architecture and interior design.

### CHAIRMAN

Harshad Patel



It is with great pride and gratitude that I reflect on the remarkable journey and growth of Valenza, Velloza, Velzone and Pavansut Minerals, Lithos Chem., Capco over the years. From our humble beginnings to becoming a trusted name in the ceramic industry, our progress has been defined by innovation, integrity, and a relentless pursuit of excellence.

## Chairman's Progress Overview

Under the strategic leadership of the Chairman, the group of companies has shown consistent growth across key performance areas. Revenue has steadily increased year-over-year, profitability has improved due to efficient operations, and employee engagement has reached new heights. The Chairman's vision has driven innovation, strengthened corporate governance, and expanded the group's market presence both domestically and internationally.



## Valenza Ceramic LLP



**Mr. Ashvin Patel**  
Managing Director

⑧ Survey No.: 208P1, Jetpar Road,  
Near Lords Hotel, Bella Village,  
Morbi - 363642, Gujarat, ( India )

⑨ +91 97124 88800

✉ info@valenzaceramic.com

🌐 www.valenzaceramic.com

I firmly believe that every respiration is an aspiration for our company. From the first day of the initiation till today, we committed ourselves to the process of continuous evolution in terms of technology and materials with the changing times.

The horizons of applications of tile has replaced marbles and granite with cost effective approach and through numerous design options. We, as a team of 'VALENZA GROUP' have dedicated and devoted work force to bring innovations and uplift the level of tile industry. Also, we strive to develop stringent quality control parameters to ensure that best-in-class porcelain tile reaches to customer situated in the farthest point.

Our clientele who are situated worldwide are the eminent pillar and profound base of our organization and I convey sincere gratitude to them, as they still abide to us. They are the source of innovations and inspiration to our team to get the best out of the Tile

Dedicated International Business Team of 40 with dedicated regions and key accounts, documents, logistics, Production Planning, sampling, QC, payments, customer service, R&D, strategic planning



## WHO A — RE W — E

The Valenza Group has been a market leader in the tile industry since 2000, with a combined total of more than two decades of experience. As our company grew a few years after it was founded, we began working with wall and floor tiles, porcelain vitrified tile, and slab tiles.

The in-house design and quality assurance teams of Valenza Group have an impressive track record in the international market. ISO and CE certifications are among the many certifications we hold for our extensive variety of quality products.

"Amazing Experience" captures VALENZA CERAMIC's growing spirit. Innovation-driven exponential growth is our goal in all sectors. Our vision has helped us build global businesses.



BUSINESS

INTERIOR

KITCHEN

BATHROOM

EXTERIOR



PORCELAIN



GLOSS



FLOOR TILE



WITH SHADE VARIATION



RED BODY WALL TILES



MATT



NON SLIPPERY



NOT FULL BRICK(50%)



BENDING STRENGTH



PERFECTLY FLAT



EASY TO CLEAN



CHEMICALS RESISTANCE



# Velloza Granito LLP



## CHAIRMAN DESK

Mr. Harshad Patel serves as the Managing Director of Velloza, a prominent company in the tile industry. With a deep understanding of market dynamics and a commitment to innovation, Mr. Patel has been instrumental in steering Velloza to new heights. Under his leadership, the company has expanded its product range and adopted advanced manufacturing technologies, ensuring high-quality and aesthetically appealing tiles that meet global standards. His strategic vision and dedication to excellence have not only strengthened Velloza's market position but also earned the company a reputation for reliability and customer satisfaction. Mr. Patel's forward-thinking approach continues to drive Velloza's growth and success in the competitive tiles industry.

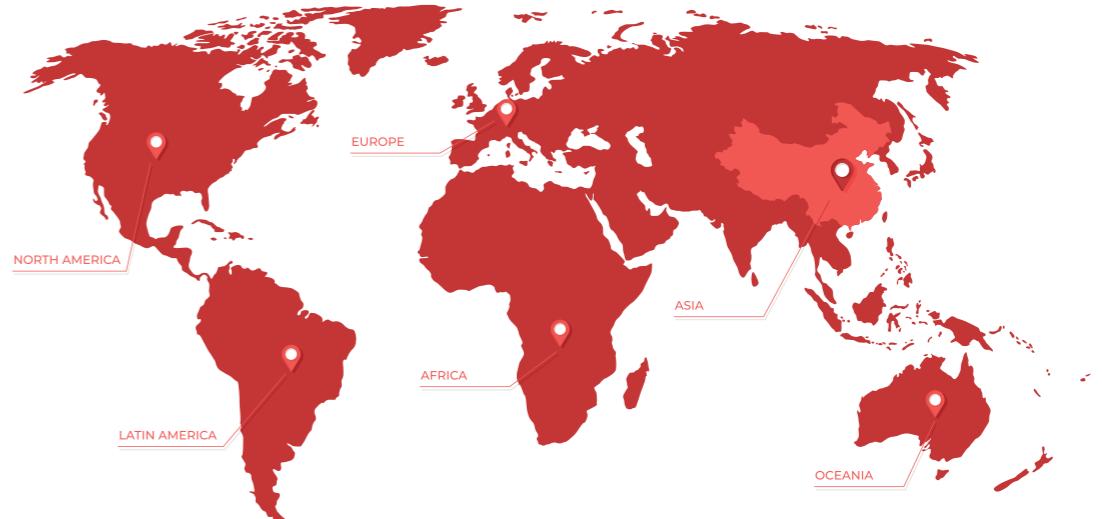
Sr.no. 185/p2, Khokhara Hanuman Road,  
Opp. Khokhara Hanuman Temple, Bella Road,  
Morbi-363630, Gujarat (IND).

[sales@vellozagranito.com](mailto:sales@vellozagranito.com) | +91 97125 34561  
[export@vellozagranito.com](mailto:export@vellozagranito.com) | +91 97125 33336

Velloza granito LLP is an Indian Manufacturer and a exporter of Vitrified / Porcelain tiles With the capacity of 21000 SQMTR/DAY with the latest and innovative machinery.

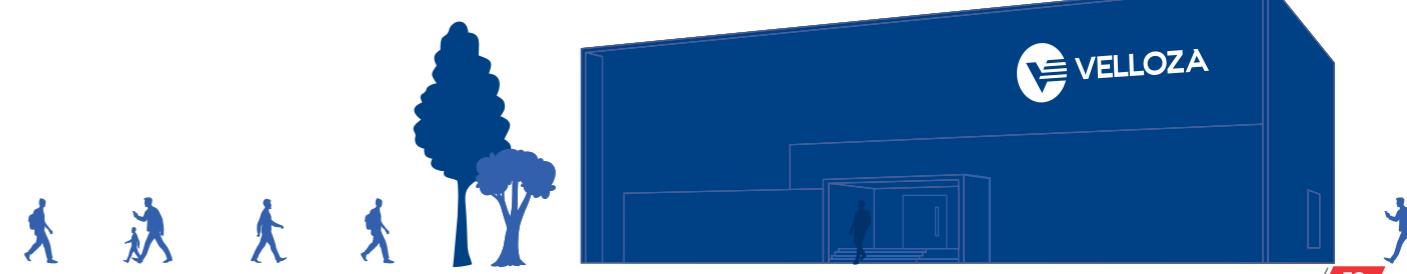
The promoters of Velloza Granito have a vast experience of more than 20 years in tiles manufacturing unit, which make company in front foot in quality and design development.

With high end robust machine and latest technologies in its manufacturing process velloza has been successfully catering to the unique demands of the export sector.



# GLOBAL PRESENCE OF OUR GROUP

1.France	7.Bosnia	13.Libya	19.Uzbekistan	24.South Africa	29.Kyrgyzstan
2.Romania	8.Bulgaria	14.Kosovo	20.Tunisia	25.Slovakia	30.Senegal
3.Israel	9.Iraq	15.Algeria	21.Vietnam	26.Korea	31.Palestine
4.Macedonia	10.Kuwait	16.Yemen	22.Bangladesh	27.Taiwan	32.Colombia
5.Brazil	11.Jordan	17.Madagascar	23.Malta	28.Sudan	33.Oman
6.Italy	12.Guatemala	18.Peru			



## Velzone Granito LLP



**VELZONE GRANITO LLP** is engaged in the business of Manufacturing and Exporting of Glaze Porcelain tiles based in Morbi, India.

The business strives for integrity and excellence in its quality control and customer service systems. Velzone is a rapidly expanding company with young and energetic employees as well as a young and dynamic structure. Velzone is driven by innovation and cutting edge technology with a global reach by providing our clients with high-quality goods and customer care.

Utilizing the most recent Italian technology and imported high-tech automated machines in accordance with all international norms. With the best employees working tirelessly to accomplish our most difficult objectives, we can make sure that both our products and our relationships with clients are consistently high-quality and long-lasting.



► 800 x 1600 mm



► 600 x 1200 mm



► 800 x 800 mm

### SIZES :

When it comes to choosing tile for space, we have above sizes with endless designs, styles and colors to choose from. So, when wondering where to start, you can start with any sizes.

**VELZONE GRANITO LLP**  
 Survey No. 186 P 1, Khokhra  
 Hanuman Road, Opp Khokhra  
 Hanuman,  
 At - Kerala, Morbi,  
 Gujarat, 363641

**EXPORT :**  
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 export@velzonegranito.com

**DOMESTIC :**  
 +91 90813 25100  
 domestic@velzonegranito.com

We keep direct contact with our clients, offering a personal treatment and a dedication that looks for the maximum satisfaction. Velzone inherent characteristic is Quality in our all material with highest technical performance. Velzone becomes a distinguished trademark by making standardization to its customer and giving the maximum support.



### FINISHES :

Tile finish selection process can be a little overwhelming. But, understanding the different finish of tile can help you determine what's best for you and your space. We have following finishes which help you to decor your space.



GLOSSY



HIGH GLOSSY



MATT



CARVING



SATIN MATT



SUGAR

## Valenza Granito LLP

**VALENZA GRANITO LLP**, an ISO 9001:2015 certified company, is leading manufacturer and exporter of ceramic and porcelain vitrified tiles located in Morbi India. Valenza is a tile provider company under one roof and its exclusive vast range includes-ceramic glazed wall tiles, floor tiles, polished vitrified tiles, polished glaze vitrified tiles, outdoor parking tiles, slab vitrified tiles, step-riser vitrified tiles and sanitary wares.

With 21+ glorious years experience Valenza Group has a remarkable history in international market with a dedicated in-house designing and quality assurance team. Our wide range of quality products is not only marked as CE but also recognized by regulatory bodies like ISO.

We have been supplying the large volume of tiles and sanitary ware in 62+ countries, covering all six continents. Our continuous supply of tiles with innovative design and marvelous quality with excellent service made it possible.



Survey No. 566, P1 P1, Road, opp. Viratnagar,  
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info@valenzaceramic.com

+91 900062 0005 (Domestic Inquiry)  
+91 900073 0005 (Export Inquiry)

www.valenzaceramic.com

### We Are Present Globally

Over the years, Valenza has an extensive global network that spans 62+ countries, covering all six continents. To reach and conquer the corners of the earth, we have entailed solid distribution network. Our prime concern remains providing the distinctive designs and peerless quality tiles to the global market.



### GLOBAL PRESENCE OF OUR GROUP

1.France	7.Bosnia	13.Libya	19.Uzbekistan	24.South Africa	29.Kyrgyzstan
2.Romania	8.Bulgaria	14.Kosovo	20.Tunisia	25.Slovakia	30.Senegal
3.Israel	9.Iraq	15.Algeria	21.Vietnam	26.Korea	31.Palestine
4.Macedonia	10.Kuwait	16.Yemen	22.Bangladesh	27.Taiwan	32.Colombia
5.Brazil	11.Jordan	17.Madagascar	23.Malta	28.Sudan	33.Oman
6.Italy	12.Guatemala	18.Peru			

## Pavansut Minerals

We at **Pavansut Minerals** with aim to provide 100% customer satisfaction and manage quality of our product. We are diligently active in the business of processing and supplying and exporting of Kaolin, Feldspar, Silica sand, Quartz, etc. We at Pavansut Minerals strive to deliver quality products and services to our customers. Our team of experts work around the clock to ensure that the quality of our product is never compromised.

What makes Pavansut Minerals a relevant and trusted company today is its dynamic capability to evolve with changing methods and makeover the years. It understands its consumers, and in return, they trust us to offer the best Kaolin, Feldspar, Silica Sand, Quartz, etc products in India as well as in different regions of World.

### Who we are?

We are leading manufacturing organization which produce refined China Clay, Soda Feldspar, Potash Feldspar, etc. by the technocrats having more than 20 years of experience in Ceramic Industry.



Kaolin (China Clay)



Feldspar



Silica Sand



Quartz



Bauxite



Ball Clay



### Our Export Area

At Pavansut, We have been known for our pristine quality of the product which makes us one of the finest exporters of the country to lead the industry. We have various packaging standards to fulfill the international demand of our client base.

It's our goal reach each corner on the earth and for that we have established Export Facilitation Centre which primarily looks after the quality of export, efficient transit process and timely delivery of export. In addition our executive will take followup until your order delivered to your door step. So yes, it will be completely hassle free transaction for you.

Once you will leave request to us our executive will contact you back and assist you with your requirement and consult you for any of your pre sale questions.

Jetpar Road, Near Bella village,  
Behind Valencia Ceramic, Morbi- 363642

pavansutminerals@gmail.com

+91 98799 10380

## Certificates



ISO 9001 : 2015



## ISO 14001 : 2015



CE - 3833



## ISO 9001 : 2015



**AEO AAPFV3265P**



CE - UQ-2024090311

## Contact Details

## ALL PRODUCT CONTACT DETAILS

No.		MFG. PRODUCT NAME	CONTACT PERSON	MOBILE NO.
1.	FONIC DIAMOND TOOLS LLP	Tiles Polishing & Cutting Tools	Sagarbhai	+91 97120 88800
			Bhavikbhai	+91 99256 71918
			Kishanbhai	+91 90234 95201
2.	FONIC COLOUR	Body Colour	Ghanshyambhai	+91 99251 82883
		Glaze Colour	Sunilbhai	+91 97124 31300
3.	PAVAN DIMENSION	Tiles Rubber Punch & Master Moduld	Kapilbhai	+91 97234 36768
			Jenishbhai	+91 96015 66262
4.	CAPCO CHEM INDUSTRIES	Soluble Salt	Jayeshbhai	+91 97122 88800
5.	LITHOS CHEM INDUSTRIES	Liquid STPP	Rajeshbhai	+91 97272 02060
		Body Binder	Jayeshbhai	+91 97122 88800
6.	PAVANSUT MINERALS	Wall Tiles Clay	Vashudevbhai	+91 98799 10380

## Notes:

# Living without **colours** is like living without **a soul**.

