

SURIE®
POLEX

since
1985
*Innovating
Everyday*

FOR
CONCRETE



**DENSIFIERS AND
HARDENERS**



**DIAMOND
TOOLS**



**FLOOR
GRINDER**



**FLEXIBLE DIAMOND
PADS**



**FLOOR GRINDER
SCARIFIER**



**STAIN
PROTECTION**

**INDIA'S LARGEST MANUFACTURER OF
PROFESSIONAL STONE AND CONCRETE SOLUTIONS**



INDEX.....02



ABOUT US.....03



INTRODUCE DENSIFIERS (DENSI HARD Li PRO).....04



DENSIFIERS & HARDENERS, EPOXY RESIN,
SEALERS & WAXES.....05



STONE CARE CLEANERS AND
CONCRETE COLOR DYES.....06



DIAMOND POLISHING PADS,
FLOOR PADS AND BRUSHES.....07



CONCRETE GRINDING METAL
BOND DIAMOND ABRASIVES.....08



CONCRETE GRINDING METAL BOND
DIAMOND ABRASIVES & PLATES.....09



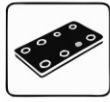
CONCRETE GRINDING &
POLISHING MACHINES.....10



CONCRETE GRINDING, POLISHING
AND CLEANING MACHINES.....11



CLEANING MACHINES AND
CONCRETE LAYING MACHINES.....12



TROWEL
POLISHING SYSTEM.....13



SURFACE PREPARATION TOOLS,
BUSH HAMMERS AND BLADES.....14



HOW TO POLISH CONCRETE
FLOORS.....15



CONTACT US.....16



ABOUT US

PROUDLY AWARDED BY FIGSI
(FEDERATION OF INDIAN GRANITE & STONE INDUSTRY)
BEST INDIAN NATURAL STONE TOOLS
MANUFACTURER AWARD

Mr. AALOKE SURIE (Founder)

Surie Porex was established in 1985, by our Founder Mr. Aaloke Surie. He is a Mechanical Engineer trained in IIT-Mumbai and RWTH-Aachen Germany. His vision was to become the market leader and provide high quality, innovative and sustainable products that empower our customers.



Mr. SACHIN SURIE (CEO)

Mr. Sachin Surie is the Chief Executive Officer. He is a Mechanical Engineer from the Ohio State University, USA. He joined the company in 2004 and has 22 years of experience in designing, developing and manufacturing abrasives, machines and chemicals for all types of surfaces.

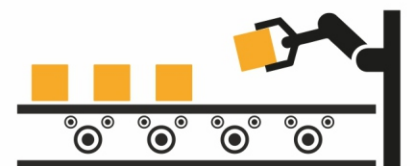
SCALE OF MANUFACTURING



3 Factories



1000+ Employees



10+ Product Lines.



PRODUCT RANGE

Surie Porex products include Diamond Pads, Diamond Abrasives, Silicon Carbide Abrasives, Floor Polishing Machines, Stone Glues, Epoxy Resins, Polyester Resins, Penetrating Sealers, Densifiers, Hardeners, Waxes and Cleaners for Laying, Installation, Polishing, Protection, Treatment, and Maintenance of Marble, Granite, Concrete and Terrazzo.



NETWORK

Surie Porex has an excellent network of sales and distribution in all parts of India and is now looking to expand its network abroad to sell its extensive range of Granite, Marble and Concrete Polishing products. With complete in-house technology SURIE POLEX is in a position to adapt to different market requirements.

DENSI-HARD[®]

Li PRO

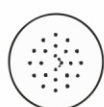
CONCRETE DENSIFIER AND HARDENER



**DEEP
PENETRATING**



**STRONGER AND
HARDER SURFACE**



**DUST PROOF AND
DURABLE**



**LOW
MAINTENANCE**



**CONCENTRATE
DILUTE 3:1 WITH
WATER**

NEW



DESCRIPTION

Densi Hard Li Pro is a concentrated lithium silicate treatment that strengthens and densifies new and existing concrete surfaces. It reduces dusting, liquid absorption, abrasion, and wear while minimizing efflorescence. By reacting with free lime in concrete, it forms insoluble crystals that fill pores and capillaries, creating a harder, denser, and more durable surface with lower maintenance needs.

NEW



DENSI HARD® SODIUM PRO

It is a specially formulated Sodium based shallow penetrating product for concrete and terrazzo floors. It helps achieve a hard surface that is easy to grind and polish. Its shallow-penetrating, non-soluble characteristics provide longer life and higher reflectivity, helping reduce floor maintenance cost. This environmental friendly treatment reduces efflorescence, improves overall abrasion resistance and reduces dusting. It helps reduce costly wear and damage to diamond abrasives.



STONE SEALER

It is a premium solvent based, natural-look penetrating sealer for the protection of natural and artificial stone. The product protects the stone from oil and water based stains, without altering the natural color of the surface. It evaporates immediately allowing the surface to remain as natural as possible.



DENSI HARD® SODIUM SILICATE

Sodium silicate-based, shallow-penetrating treatment for concrete and terrazzo. It hardens the surface, enhances reflectivity and abrasion resistance, reduces dusting, maintenance, and diamond abrasive wear. Eco-friendly.



SURIEPOX 1090 EPOXY RESIN

SURIEPOX 1090 is a low viscosity clear epoxy resin for filling fine hair lines cracks and pinholes. It comes in 2:1 ratio. It can be mixed with Suri Pox color pigments for matching the color of stones. This water like clear epoxy resin is easy to apply. It penetrates into fine pinholes of marble. It is polishable after it hardens (cures).



DENSI HARD® LS+

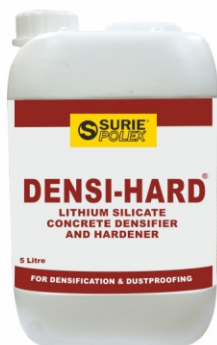
Densi Hard LS+ is a lithium-based deep penetrating concrete densifier. It enhances abrasion resistance, boosts gloss and reflectivity when polished, reduces maintenance costs, and penetrates concrete pores for long-lasting protection.



CREAM WAX

A high-quality concentrated paste wax for concrete, marble, granite, and similar stones. Provides excellent polishing, a super-gloss finish, slight anti-stain, and water-repellent effects. Ideal for final buffing. Available in natural and grey.

Available in Grey & Black



DENSI HARD® LITHIUM SILICATE

It is a lithium silicate-based deep-penetrating treatment for concrete and terrazzo floors. It creates a hard, polishable surface with high reflectivity, reduces maintenance and dusting, improves abrasion resistance, and minimizes wear on diamond abrasives. Eco-friendly and long-lasting.



SHINER

This is a high quality wax based shiner used for polishing edges, moldings & skirting. Gives high gloss when used with final buff or white pad. Suitable for indoor & outdoor application.



STAIN PROTECTOR CONCENTRATE

Stain Protector Concentrate is a breathable, partly penetrating and film-forming sealer that protects concrete from stains, moisture, oil, dirt, and wear while enhancing durability and appearance.



STAINEX

Stainex is a premium solvent-based, deep-penetrating sealer that protects absorbent surfaces like concrete, marble, and sandstone from dirt, oil, and water stains. UV-resistant, breathable, and suitable for indoor and outdoor use.



FLOOR CLEANER NEUTRAL

Floor Cleaner is highly concentrated pH balanced cleaner. Can be used for regular maintenance of marble, granite, stone and tile. Maintains high gloss on floor, can be used with regular mop with scrubbing machine. pH balance ensures no residual effect.



FLOOR CLEANER HEAVY DUTY

Floor Cleaner Heavy Duty is a concentrated oil and grease stain remover. This is a citrus fragrance product which does not contain any harmful chemical, is ideal for the quick and effective cleaning of greasy and oily surfaces.



CONCRETE COLOR DYE

Surie Porex Dyes are designed specifically for polished and exposed concrete. Our dyes penetrate into the surface of the concrete slab for extremely long-lasting color that will not wear from daily usage. Our dyes can be used as a base color or touch up for concrete that has received integral color, dry shake hardeners, acid stains or even layered to create a truly unique, mottled effect.

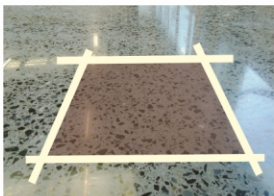


CONCRETE COLOR DYE CONCENTRATE

This Concrete color dye is a concentrate. It is to be mixed with 1 L of Acetone solvent. Mix well and make sure it is fully dissolved before using. It penetrates into the surface of the concrete slab. Concrete color dye can be used as a base color or touch up for concrete that has received integral color, dry shake hardeners, acid stains or even layered to create a truly unique, mottled effect.

NEW

AVAILABLE COLOR SHADES



BROWN



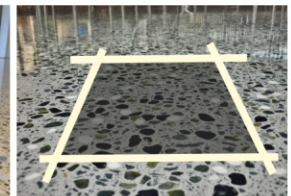
CHERRY BROWN



BLUE



YELLOW



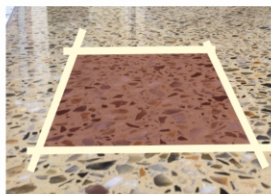
MIDNIGHT BLACK



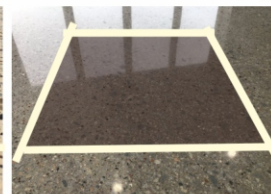
**CHOCOLATE
BROWN**



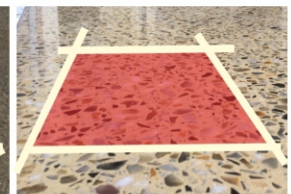
ORANGE



DEEP RED



DARK BROWN



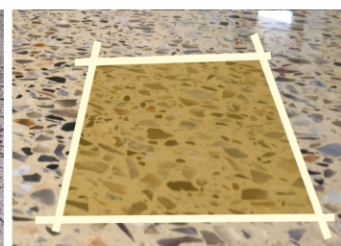
RED



ORANGE RED



GREY



WALNUT



GREEN

DIFFERENT TYPE OF RESIN BONDS

CONCRETE SERIES



CONCRETE-ECO SERIES



XD SERIES

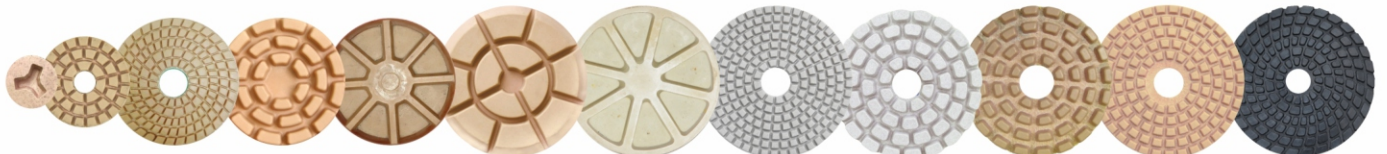


RESIN BOND DIAMOND PAD **NEW**

DCRF-4U1-AH, Ø100 X 5.00mm



AVAILABLE IN ALL SHAPES



DCRF1 1S1 Ø25 X 10mm	DCRF2 3U1 Ø50 X 2.75mm	DCRF3 5S1 Ø80 X 2.75mm	DCRF3 3U1 Ø80 X 5.00mm	DJ3R Ø80 X 11.00mm	DJ4RT Ø100 X 15.00mm	DJ4R TURBO Ø100 X 15.00mm	DCRF 7U2 Ø100 X 2.75mm	DCRF 4U4 Ø100 X 8.00mm	DCRF 4U2 Ø100 X 5.00mm	DCRF 5U3 Ø100 X 3.50mm	DCRF 6S2-B 100 X 3.00mm
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2" CURVED DIAMOND PAD



DCRFC2
4U1

4" CURVED DIAMOND PAD

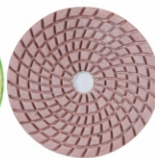


DCRFC
7U1

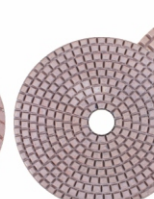
EDGE POLISHING PADS



DCRPD
100 X
3.00mm



DCRB
(SNAIL)
100 X
3.00mm



DCRF5
9U1
Ø125 X
3.00mm



DCRF6
9U1
Ø150 X
3.00mm



DCRF7
6S1
Ø175 X
3.00mm



DCRF8
EP
Ø200 X
7.00mm

SPARE PARTS AND ACCESSORIES



2" CURVE
COUPLING



4" CURVE
COUPLING



DJMA VELCRO
ADAPTER



VELCRO ADAPTER
HOOK & LOOP



DSMA
VELCRO ADAPTER



VELCRO ADAPTER
FOR ELECTRIC DRILL



CRB
COUPLING FLAT

CLEANING, BUFFING PADS & BRUSHES



DIAMOND FLOOR PADS



AVAILABLE IN 4, 8, 13 & 17"
BUFFING AND CLEANING PADS



AVAILABLE
IN 4, 13, & 17"
SOFT, HARD & WIRE BRUSHES

DIFFERENT TYPE OF METAL BONDS

CHB FOR SOFT CONCRETE

CHB – Specially designed hard bond metal grinding tool for soft concrete. As soft concrete is more abrasive, these CHB tools give more coverage with lesser abrasion of tool grits.
Available in grit: 25/36/60/120/200.
Concrete type – Soft Floors.

CHC FOR MEDIUM SOFT CONCRETE

CHC is a medium hard bond for grinding of medium soft concrete.
Available in grit: 25/36/60/120/200.
Concrete type - Medium soft floors.

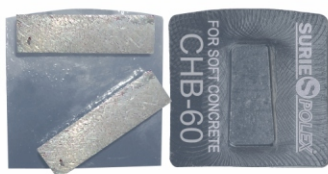
AH FOR MEDIUM CONCRETE

AH- for giving better coverage on medium hard concrete AH is specially designed metal bond tool for free & smooth grinding.
Available in grit: 25/36/60/120/200. Concrete type – Medium Floors.

CSE FOR HARD CONCRETE

CSE- Specially designed soft bond metal grinding tool for hard concrete. CSE metal grinding tool ensures smooth grinding on hard floors.
Available in grit: 25/36/60/120/200.
Concrete Type – Hard Floors.

AVAILABLE IN ALL SHAPES FOR SURIPOLEX MACHINES



DSMA



DSMA-C



DSMA PCD SCRAPER



DSMB

AVAILABLE IN ALL SHAPES FOR OTHER MACHINES IN THE MARKET



DHMA



DKQMA



DSTMA



DTC



DTMA



DBDMA



DTMA PCD SCRAPER



DFMVW
MO



DFMVW

METAL BOND DIAMOND 'W' SERIES

METAL BOND 'W' SERIES - Economically designed tool for adhesive removal and grinding rough surfaces. Available in OK. (Coarse Grinding).

PCD TOOLS

PCD Scraper – Best tool for epoxy & coating removal. Available in single & double PCD inserts.



DSMA PCD

DTPCD



DCMB4

DCMB5/6



DFMRW-OK-CHIPS



DCRMRA

HYBRID DIAMOND ABRASIVES & PADS

This tool is a combination of metal and resin bond diamond. These tools are in Frankfurt shape or with hook and loop backing that can be fitted to a floor grinding machine. It is ideal for smoothing the scratch pattern. It is very effective for grinding the soft concrete.
Available in - OK /36/60/120/200.

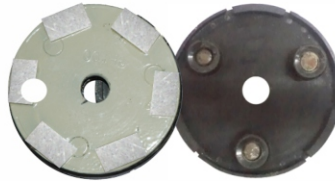
CONCRETE GRINDING ABRASIVES



DFME-C



DFMX



DKMA



DJ3M



DJMA



DJMA-C



DCMA

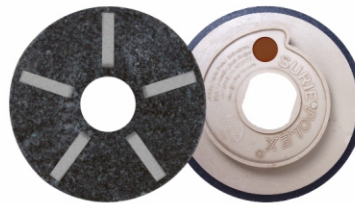
HYBRID METAL BOND ABRASIVES



FRANKFURT
DFMRA-SS



FRANKFURT
DFMRW-OK
CHIPS



4" - DCRBMRA

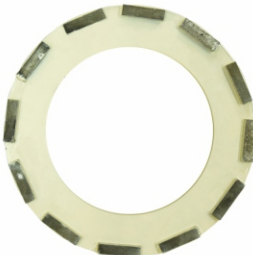


DCRMZ-VELCRO-100mm

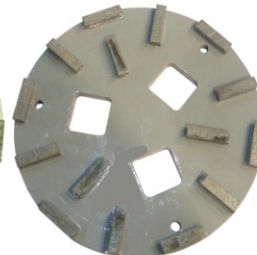
METAL BOND DIAMOND PLATES



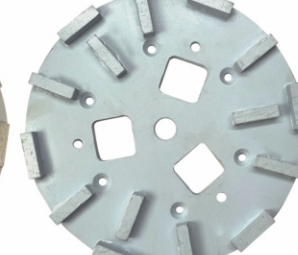
DK 200



DK 240



DGP 240



DSP 250



DBP 250

ADAPTER PLATES FOR ALL MAKES



CONCRETE GRINDING & POLISHING MACHINES

HSP-650 PLANETARY FLOOR GRINDER

Motor- 10HP, 3Phase
Working Width- 650mm
Speed- 100-1500rpm
Weight- 294kg (3 Head)
307kg (4 Head)

3 HEAD



4 HEAD



10HP
3PHASE



HSG - 630 ROTARY FLOOR GRINDER

Motor 12HP, 3 Phase
Working Width 630*630mm
Speed 100-1450rpm
Weight 256kg



12.5HP
3PHASE

HSG - 500 GEARED GRINDER

Motor 10HP, 3 Phase
Working Width 480*480mm
Speed 100-1500rpm
Weight 256kg



10HP
3PHASE

HSG - 300 FLOOR GRINDER

Motor- 5HP, 3Phase & 5HP, 1Phase
Working Width- 310*550mm
Speed- 100-1500rpm
Weight- 186kg



5HP
3PHASE

5HP
1PHASE

NEW
**FLOOR GRINDER
SCARIFIER SP 250**

Motor- 10HP, 3Phase
Max Milling Width- 250mm
Max Milling Depth- 5mm
Shaft Quantity- 6 Pcs
Blade Quantity- 108 Pcs
Weight- 110kg


FPM - 330 FLOOR GRINDER

Motor- 5HP, 3Phase
4HP, 1Phase
Working Width- 330mm
Speed- 450rpm
Weight- 130kg


**2.5HP SINGLE DISC
DIAMOND POLISHER**

Motor 2.5HP, 1Phase
Working Width 430mm
Speed 175rpm
Weight 55kg +
(12.5X2)25kg


**HAND
POLISHER**

Working
Width- 100mm
Speed- 1200rpm
Weight- 2kg


**ANGLE
GRINDER**

Working
Width- 100mm
Speed- 11000rpm
Weight- 2kg


**FPM - 400 FLOOR
PREPARATION MACHINE**

Motor- 5HP, 3Phase
Working Width- 320mm
Speed- 800rpm
Weight- 150kg


**FG - 400
FLOOR GRINDER**

Motor- 5HP, 3Phase
Working Width- 320mm
Speed- 800rpm
Weight- 110kg


**EP - 200
FLOOR POLISHER**

Motor 2HP, 3 Phase
Working Width 200mm
Speed 720rpm
Weight 125kg


NEW
**FG - 250 VFD
FLOOR GRINDER**

Motor- 5HP, 1 Phase
Working Width- 250mm
Speed- 0-1440rpm
Weight- 72kg


NEW
**FG - 250
FLOOR GRINDER**

Motor- 5HP, 3 Phase
Working Width- 250mm
Speed- 1440rpm
Weight- 82kg


**HSB - 500/430
HIGH SPEED BURNISHER**

Motor- 7.5Hp, 3Phase/5HP, 1Phase
Working Width- 500/430mm
Speed- 100-1500rpm
Weight- 162/145kg


**HIGH SPEED
BURNISHER**

Motor- 2HP, 1Phase
Working Width- 500mm
Speed- 1500rpm
Weight- 50kg



AUTO SCRUBBER DRIER COMPACT XD2A

Power-1600W
Base Plate Dia- 455mm
Suction Width- 770mm
Cleaning Capacity- 1820m²/h
Weight- 69kg
Voltage/Frequency- 220V/50HZ
Clean Water Tank- 27.8 L
Dirty Water Tank- 31.3 L



AUTO SCRUBBER DRIER 40/50L WITH CABLE

Power-700W
Base Plate Dia- 510mm
Suction Width- 770mm
Cleaning Capacity- 1750m²/h
Weight-75kg
Voltage- 220V
Clean Water Tank- 50 L
Dirty Water Tank- 40 L



NEW

AUTO SCRUBBER DRIER 40/50L WITH BATTERY

Power- 550W
Voltage- 240V/50Hz
Tank Clean Water- 40L
Dirty Water- 40L
Speed- 210 rpm
Weight- 148kg



NEW

DUST COLLECTOR

Motor- 5HP, 3Phase
Voltage- 415V
Vacuum- 300ft³/min
Pressure- 300m bar
Pipe Dia- 45mm
Weight- 170 kg

**5HP
3PHASE**



60L, 3 MOTOR INDUSTRIAL DUST COLLECTOR

Power- 2000/3000W
Voltage- 220V
Vacuum- 250mbar
Air Flow Volume- 159L/Sec
Drum- Stainless Steel
Weight- 28 kg
Available in- 15, 30L & 80L



**Also
Available in
2 Motor**

80L 3 INDUSTRIAL DUST COLLECTOR

Power- 3000W
Voltage- 220V
Vacuum- 250mbar
Air Flow Volume- 120L/Sec
Drum- Stainless Steel

**WITH
SQUEEZE**



MINI POLISHER

Motor 1HP, 1Phase
Working Width 200mm
Speed 400rpm
Weight 50kg



THREE HEAD HANDHELD GRINDER

Rated Output- 2800w
Voltage- 220v
Weight- 7.8kg
Speed- 600-3000r/min
Grinding Disc Diameter-
100*3mm



NEW

CONCRETE LAYING MACHINES

RIDE ON TROWEL 36" SPRT-236LR-LOW RIDER

Model-36" Low Rider
Engine- Honda GX690
Working Dia- 1870mm
Max Speed- 150rpm
Tank: 17L, Weight- 280Kg



POWER TROWEL

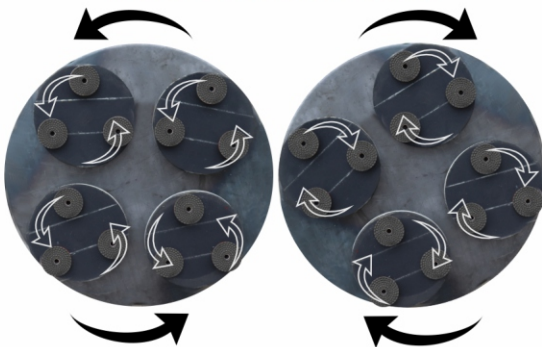
Model- QJM-1000
Engine Honda- GX160
Working Width- 915mm
Max Speed- 100-140rpm
Weight- 83kg



EDGER TROWEL

Model- 424E
Engine- Honda GX160
Working Width- 610mm
Max Speed- 135rpm
Weight- 54kg



**MAIN FEATURES OF OUR
TROWEL POLISHING SYSTEM**

Speed: Our system is very fast: You can fully polish 10,000 sqft per day per ride-on power trowel.

Cost-Effective: There is no need to buy new machines and equipment. You can use your existing power trowel. All you need is one set of our planetary trowel polishing system and diamond pads.

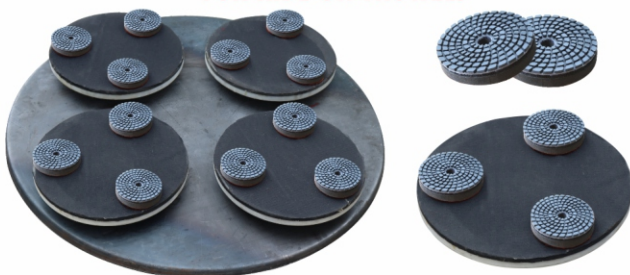
Adaptable: Our Trowel Polishing System is available in various sizes. This allows it to be used with any ride-on power trowel available in the market. Our system will transform your ordinary power trowel into a planetary concrete polishing machine.

Planetary: Our planetary plates are installed on the floating pans. They have bearings which allow for a free/passive planetary movement.

Finishes: You can achieve various finishes: low, medium or high gloss. You can also achieve various grades of aggregate exposure.

Easy: Our system allows for very easy tool changes with our high quality diamond pads. See our "how to polish" chart below.

Balance: Our system provides balanced movement and even tool wear.

**PLANETARY POLISHING ATTACHMENT
FOR RIDE ON TROWELS**

Surie Poxel's Planetary Trowel Polishing System is designed for polishing concrete with ride-on power trowels and walk behind power trowels and is ideal for use on large industrial and warehousing projects.

PLANETARY TROWEL TOOL HOLDERS**PANS****BLADE SETS****ABRASIVES
VELCRO PLATE**

Our Tools System are offered in three styles: 355mm Foam Plates with hook and loop attachment for 900mm pans, and 275mm Foam Plates with hook and loop attachment for 750mm pans, 240mm Foam Plates with hook and loop attachment for 600mm pans.

DIAMOND CUP WHEELS AND SAW BLADES

CUP WHEEL
6 SEGMENTED

CUP WHEEL
RIM

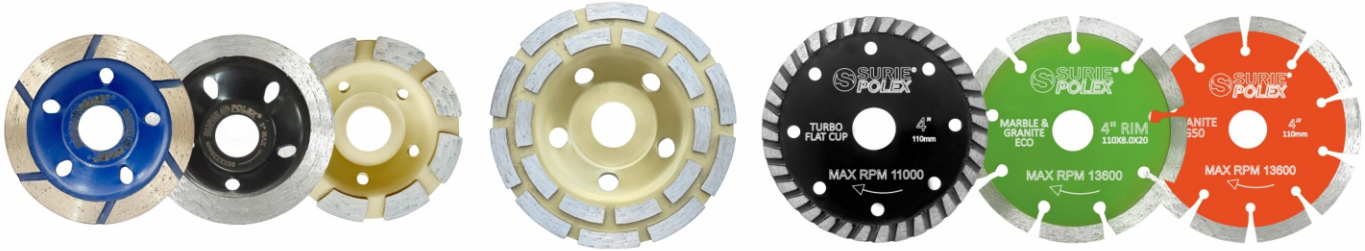
CUP WHEEL
8 SEGMENTED

CUP WHEEL
DOUBLE RAW

DSB4 TURBO
FLAT CUP

DSB4
95-ECO

DSB4
GRANITE G50



BRUSHES ABRASIVES FOR TEXTURE FINISH

R1 - FICKERT

F- FRANKFURT

CRB & BCRN
CHAMFERING

8 & 10"
BRUSH

B - BUTTERFLY

BIG MUNICH

DIAMOND



SILICON



WIRE



CLEANING



B-FELT

FF-FELT

NEW

BUSH HAMMERING TOOLS FOR TEXTURED FINISHES

GRINDING
ROLLER SPIKEY

GRINDING
ROLLER ABRABE

GRINDING
ROLLER DIA ABRABE

FF GRINDING
ROLLER SPIKEY

FF GRINDING
ROLLER ABRABE

FF GRINDING
ROLLER DIA ABRABE



BUSH HAMMER
ROLLER

FF BUSH
HAMMER

3 ROLLER BUSH
HAMMER

R1 - BUSH
HAMMER

6 ROLLER BUSH
HAMMER



It's a bearing mounted tool that can be fitted to a floor grinder or a hand polisher for giving concrete a bush hammered texture on the top layer. It can be used for breaking epoxy / paint coating on the floor. Available in - 7" 3 Roller Plate for Hand Polisher and in Frankfurt, Fickert and other Shapes for floor grinder.

HOW TO POLISH CONCRETE FLOORS

HOW TO DENSIFY (DUST-PROOF) LEVEL FLOORS

SN	PROCEDURE	ITEM CODE	PHOTO	REMARKS
1	Lightly grind the floor with flexible diamond pad DCRF-200.	DCRF-200		This is done to open up the pores of the concrete. This step is essential for Densifier penetration.
2	Apply the Densifier on the concrete floor.	Densi-Hard Lithium Silicate/Sodium Silicate		Apply with microfiber mop and spread uniformly. Apply more where required.
3	Burnish with flexible diamond pad 800.	DCRF 400/800		Use diamond pad with a high speed burnisher.

HOW TO DENSIFY (DUST-PROOF) UNEVEN FLOORS

SN	PROCEDURE	ITEM CODE	PHOTO	REMARKS
1	Grind the floor with metal bond 200 grit.	DSMA C-200		This is done to open up the pores of the concrete. This step is essential for Densifier penetration.
2	Grind the floor with resin bond 100 grit till the floor is scratch free.	DCRF-7U2 R-100		The 100 Resin is used to remove the scratches of Metal Bond 200 grit.
3	Grind the floor with resin bond 200 grit till the surface is smooth.	DCRF-7U2 R-200		This step is essential to ensure no scratches remain after Densification.
4	Apply the Densifier on the concrete floor.	Densi-Hard Lithium Silicate/Sodium Silicate		Apply with micro fiber mop and spread uniformly. Apply more where required.
5	Burnish with flexible diamond pad 400.	DCRF-7U2 R-400		Use diamond pad with a high speed burnisher.

HOW TO POLISH CONCRETE

SN	PROCEDURE	ITEM CODE	PHOTO	REMARKS
1	Grind the floor with metal bond 120 grit. For uneven floors also use 36 and 60 grit.	DSMA C-120		A good level is a prerequisite for good uniform final finish. Improper first grinding will lead to a patchy finish.
2	Grind the floor with metal bond 200 grit (Ideal to start with this step on level floors).	DSMA C-200		Minor level differences and the scratches of Metal Bond 200 grit was removed.
3	Grind the floor with flexible diamond pad 100 grit.	DCRF-7U2 R-100		The 100 Resin is used to remove the scratches of Metal Bond 200 grit.
4	Grout the floor to repair pinholes and cracks.	Grout Repair		Grouting is done using a mixture of cement, latex, water and concrete dust from the dust collector.
5	Grind the floor with resin pad 200 grit till the floor is scratch free.	DCRF-7U2 R-200		This step is essential to ensure no scratches remain after Densification.
6	Apply the Densifier on the concrete floor.	Densi-Hard Lithium Silicate/Sodium Silicate		Apply with Micro fiber mop and spread uniformly. Apply more in areas where penetration is faster.
7	Grind the floor with flexible diamond pad 400 grit.	DCRF-7U2 R-400		This step will give a nice smooth finish to the floor. A light gloss appears.
8	Polish the floor with resin bond 800 grit.	DCRF-7U2 R-800		A dull shine will appear but the reflection will be sharp. This is essential for sharp final finish. Color and gloss both increase.
9	Polish the floor with resin bond 1500 grit.	DCRF-7U2 R-1500		Both color and sharpness improve substantially after this step.
10	Burnishing with flexible diamond pad DCRF-3000.	DCRF-7U2 R-3000		Use the Diamond Pad with a High Speed Burnisher. A high gloss will appear after this step. Reflection will be sharp.
11	Apply Stain Protector and burnish with white pad 4100/ 4200 grit.	White Pad & Stain Protectant		Gives a brilliant high shine and protects the floor from stains.

HOW TO DYE & POLISH CONCRETE

SN	PROCEDURE	ITEM CODE	PHOTO	REMARKS
1	Grind the floor with Metal Bond 120 grit. For uneven floors also use 36 and 60 grit.	DSMA-C-120		A good level is a prerequisite for good uniform final finish. Improper first grinding will lead to a patchy finish.
2	Grind the floor with Metal Bond 120 grit (Ideal to start with this step on level floors).	DSMA-C-200		Minor level differences and the scratches of metal bond 120 grit was removed.
3	Grind the floor with flexible diamond pad 100 grit.	DCRF-7U2 R-100		The 100 Resin is used to remove the scratches of metal bond 200 grit.
4	Grout the floor to repair pinholes and cracks.	Grout Repair		Grouting is done using a mixture of cement, latex, water and concrete dust from the dust collector.
5	Grind the floor with Resin Pad 200 grit till the floor is scratch free.	DCRF-7U2 R-200		This step is essential to ensure no scratches remain after densification.
6	Apply the densifier on the concrete floor.	Densi-Hard Lithium Silicate/Sodium Silicate		Apply with microfiber mop and spread uniformly. Apply more in areas where penetration is faster.
7	Grind the floor with flexible diamond pad 400 grit.	DCRF-7U2 R-400		This step will give a nice smooth finish to the floor. A light gloss appears.
8	Apply the first coat of Surie Poxex Color Dye (on hard concrete apply 1st coat before densifier.)	Surie Poxex Color Dye. see color chart for all colors.		Ready to use can be applied with spray or paint roller.
9	Polish the floor with flexible diamond pad 800 grit.	DCRF-7U2 R-800		A dull shine will appear but the reflection will be sharp. This is essential for sharp final finish. Color and gloss both increase.
10	Apply the second coat of Surie Poxex Color Dye.	Surie Poxex Color Dye. see color chart for all colors.		Ready to use can be applied with spray or paint roller.
11	Polish the floor with flexible diamond pad 1500 grit.	DCRF-7U2 R-1500		Both color and sharpness improve substantially after this step.
12	Burnishing with diamond flexible pad DCRF-3000 grit.	DCRF-7U2 R-3000		Use the diamond pad with a high speedburnisher. A high gloss will appear after this step. Reflection will be sharp.
13	Apply Stain Protector and burnish with white pad 4100/ 4200 grit.	White Pad & Stain Protectant		Gives a brilliant high shine and protects the floor from stains.

NOTE: For finest finish ensure scratch-free surface before application of densifier. After Densification scratch removal is very tedious. Level grinding is not a solution for poor casting of concrete floors. SURIE POLEX recommends dry grinding and dry polishing on concrete. A dust collector needs to be used in tandem with the concrete grinding machine to ensure best results. Densifiers are applied on dry floors. With dry grinding there is no need to arrange for water or remove sludge. Simply empty the dust collector drum. 28 Days curing recommended for concrete floors for best result. Contact us for technical queries.

Today laying of a concrete floor, keeping in mind that flooring constitutes about 25% of the cost of the project, has become very scientific. Very efficient methods have been developed and continue to be developed to obtain a long lasting surface which provides for all material movements without damage to material handling equipment. As the level of robotisation increases, the importance of the concrete floor will increase.

So please consult concrete flooring experts before budgeting for your flooring in your Warehouse, Factory or Institution. An initial higher cost will be compensated by major savings over the years.



STONE CARE CHEMICALS



A row of various industrial floor cleaning machines, including scrubbers, buffers, and sweepers, manufactured by SURE. The machines are shown in a line, highlighting different models and sizes. They feature various components like motors, wheels, and cleaning heads. The SURE logo is visible on several units.

A large collection of various abrasive products from SURI, including grinding wheels, flapwheels, and diamond burs, arranged on a white background. The products are in various colors (blue, orange, green, black, gold) and sizes, some with the SURI logo and technical specifications visible.



Contact Us: Tel: +91-11-40776777, Email: sales@suriepolex.com, Web: www.suriepolex.com