

SEMINGIGONG

SM POLISHING SYSTEM

EQUIPMENT 15HP grinder, 10HP grinder, 5HP grinder,
edge grinder, burnisher

MATERIALS premium mortar, densifier, sealer

ABRASIVES metal diamond tools, resin diamond pads



SEMINGIGONG

Greeting

Putting top priority on balance between people and environment, **SEMINGIGONG CO., LTD** has dedicated to providing the best quality products to meet customers' satisfaction.

As the total solution provider for flooring & concrete floor polishing system, our main products are equipment and flooring. SEMINGIGONG CO., LTD has not only developed new products in various fields such as wet surface epoxy, premium mortar, floor grinder with integral vacuum cleaner and patented resin diamond pad through ceaseless R & D since 2003 but also extended to export, which will lead us to build and grow a widely trusted company at home and abroad.

Not satisfied with current success, SEMINGIGONG CO., LTD will continue challenge as a green company, build customer trust, foster global human resources and furthermore predict and prepare for the future. Our goal is to develop specialized goods to meet different needs in global market as well as eco-friendly ones with high-quality.



History

2017

- Acquired KC certification, corresponding to NSF, USA, on Ultra Power MP

2016

- Expansion and relocation of factory to 5, Dongbu-ro 782beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, South Korea
- Started exporting to Vietnam, Mongolia, Mexico, Ecuador and China
- Distributor Contract with K.P.P. in Ecuador
- Joined overseas expo : Canton Fair, Dubai Big 5, Mumbai G-fair, INDOWATER show, Harbin expo
- Acquired Venture Business
- Acquired INNO-BIZ
- Joined "overseas branch marketing" to Malaysia and China

2015

- Joined overseas expo : Ho Chi Minh Expo, Vietnam
- Joined domestic expo : MBC Architecture EXPO, Korea Architecture & Industry EXPO
- Patent Registration : Multi floor grinder
- Patent Registration : Improved floor grinder

2014

- Patent Registration : Multi-functional grinder
- Patent Registration : Repair of road pavement
- Patent Registration : Flooring finish method
- Established Yongin factory for mortar production

2013

- Expansion and relocation of company to 57, Eondong-ro, 71beon-gil, Yongin-si, Gyeonggi-do, South Korea

2012

- Trademark Registration of SM : No 40-0888003
- Patent Registration: Polishing machine

2011

- Certificated ISO14001
- Acquired MAIN-BIZ certification

2010

- Certificated ISO9001
- Certificated R&D department.
- Expansion and relocation of company to 307,2 Gomae-ro, Giheung-gu, Yongin-si, Gyeonggi-do

2009

- Registered as construction service company of FOSROC Korea

2008

- Expansion and relocation of company to 402-32, Gu-gal dong, Yongin-si, Gyeonggi-do

2007

- Established SEMINGIGONG Co, Ltd.
- Registered as partner of Union

2003

- Established SEMINGIGONG in Yongin-si, South Korea

SM Product

EQUIPMENT

- 15HP grinder
- 10HP grinder
- 5HP grinder
- Edge grinder
- Burnisher

MATERIALS

- Premium mortar
- Densifier
- Sealer

ABRASIVES

- Metal Diamond Tools
- Resin Diamond Pads

Integral Vacuum Type SMP-1500R

Product Descriptions

SMP-1500R is designed for large scale construction and used for grinding, surface preparation, polishing. With higher effectiveness, it can reach a range of sheen state easily equipped with SM metal tools and SM resin pads. Remote control or joystick is available as option. Also, you can choose 3-head or 4-head.



Patent number
10-1435166



Patent number
10-1545710



EQUIPMENT

MATERIALS

ABRASIVES

Features

- Remote control, Joystick as option
- Integral vacuum Cleaner
- Weight Shifting System
- Electrical Lifting System

Benefits

- Remote Control

Remote control can increase productivity as well as make time for users to prepare next step or arrange other work. Start switch and emergency switch are equipped.

- Patented Technology : Integral Vacuum Cleaner

Installed dust box can offer 3 in 1 function. Firstly, it can collect dust generated from polishing process with resin pads. Secondly, to control heavy dust from grinding, you can connect the machine to another industrial vacuum cleaner. Thirdly, it is designed to serve as a water tank during wet type grinding & polishing. 2 vacuum motors are installed so user can choose to operate 1 motor or 2 motors.

- Patented Technology : WSS

WSS(Weight Shifting System) is not only safer for users but also improves work efficiency by putting weight pressure on your desired spot indicated on the diagram. Also, it can serve as footrest, pushing up front part of machine.

- Electrical Lifting System

This system can adjust the height of abrasives timely during operation, which can ensure grinder's optimal operation capacity.

- Driving Wheel

In remote control or joystick mode, the speed of driving wheel can be adjusted, which is displayed in LED. Urethane rubber wheel does not leave tire marking and the machine can move along 45 degree angle.



SMP-1500R Specification

Model	Siemens Motor	Schneider Inverter	Hertz	Voltage	Ampere	Work Area	Dust/Water Tank	weight	Dimension (mm)	Rotation	Revolution
SMP-1500R	15 HP	20 HP	50~60 Hz	220V,380V 440V,480V	20 ~ 30 A	780 mm	15 liter	588 kg	780(W) 1350(L) 1240(H)	0 ~ 1200 RPM	0 ~ 300 RPM

SMP-1500M Specification

Model	Siemens Motor	Schneider Inverter	Hertz	Voltage	Ampere	Work Area	Dust/Water Tank	weight	Dimension (mm)	Rotation	Revolution
SMP-1500M	15 HP	20 HP	50~60 Hz	220V,380V 440V,480V	20 ~ 30 A	780 mm	15 liter	559 kg	780(W) 1350(L) 1240(H)	0 ~ 1200 RPM	0 ~ 300 RPM

SMP-1000R Specification

Model	Siemens Motor	Schneider Inverter	Hertz	Voltage	Ampere	Work Area	Dust/Water Tank	weight	Dimension (mm)	Rotation	Revolution
SMP-1000R	10 HP	15 HP	50~60 Hz	220V,380V 440V,480V	16 ~ 20 A	675 mm	15 liter	480 kg	675(W) 1300(L) 1200(H)	0 ~ 1200 RPM	0 ~ 300 RPM

SMP-1000M Specification

Model	Siemens Motor	Schneider Inverter	Hertz	Voltage	Ampere	Work Area	Dust/Water Tank	weight	Dimension (mm)	Rotation	Revolution
SMP-1000M	10 HP	15 HP	50~60 Hz	220V,380V 440V,480V	16 ~ 20 A	675 mm	15 liter	452 kg	675(W) 1300(L) 1200(H)	0 ~ 1200 RPM	0 ~ 300 RPM

PE Water Tank Type SMP-1500S/R

Product Descriptions

SMP-1500S/R is designed for large scale construction and used for grinding, surface preparation, polishing. With higher effectiveness, it can reach a range of sheen state easily equipped with SM metal tools and SM resin pads. Remote control or joystick is available as option. Also, you can choose 3-head or 4-head.

Patent number
10-1545710



Features

- Remote control, Joystick as option
- Weight Shifting System
- Electrical Lifting System

Benefits

- Remote Control

Remote control can increase productivity as well as make time for users to prepare next step or arrange other work. Start switch and emergency switch are equipped.

- Patented Technology : WSS

WSS (Weight Shifting System) is not only safer for users but also improves work efficiency by putting weight pressure on your desired spot indicated on the diagram. Also, it can serve as footrest, pushing up front part of machine.

- Electrical Lifting System

This system can adjust the height of abrasives timely during operation, which can ensure grinder's optimal operation capacity.

- Driving Wheel

In remote control or joystick mode, the speed of driving wheel can be adjusted, which is displayed in LED. Urethane rubber wheel does not leave tire marking and the machine can move along 45 degree angle.



SMP-1500S/R Specification

Model	Siemens Motor	Schneider Inverter	Hertz	Voltage	Ampere	Work Area	Dust/Water Tank	weight	Dimension (mm)	Rotation	Revolution
SMP-1500S/R	15 HP	20 HP	50~60 Hz	220V,380V 440V,480V	20 ~ 30 A	780 mm	55 liter	543 kg	780(W) 1350(L) 1240(H)	0 ~ 1200 RPM	0 ~ 300 RPM

SMP-1500S/M Specification

Model	Siemens Motor	Schneider Inverter	Hertz	Voltage	Ampere	Work Area	Dust/Water Tank	weight	Dimension (mm)	Rotation	Revolution
SMP-1500S/M	15 HP	20 HP	50~60 Hz	220V,380V 440V,480V	20 ~ 30 A	780 mm	55 liter	514 kg	780(W) 1350(L) 1240(H)	0 ~ 1200 RPM	0 ~ 300 RPM

SMP-1000S/R Specification

Model	Siemens Motor	Schneider Inverter	Hertz	Voltage	Ampere	Work Area	Dust/Water Tank	weight	Dimension (mm)	Rotation	Revolution
SMP-1000S/R	10 HP	15 HP	50~60 Hz	220V,380V 440V,480V	16 ~ 20 A	675 mm	55 liter	435 kg	675(W) 1300(L) 1200(H)	0 ~ 1200 RPM	0 ~ 300 RPM

SMP-1000S/M Specification

Model	Siemens Motor	Schneider Inverter	Hertz	Voltage	Ampere	Work Area	Dust/Water Tank	weight	Dimension (mm)	Rotation	Revolution
SMP-1000S/M	10 HP	15 HP	50~60 Hz	220V,380V 440V,480V	16 ~ 20 A	675 mm	55 liter	407 kg	675(W) 1300(L) 1200(H)	0 ~ 1200 RPM	0 ~ 300 RPM

5HP Grinder

SMP-500

Product Descriptions

SMP-500 is a lightweight and convenient grinder fulfilling performance effect comparable to large machine. It can be used for grinding, surface preparation, polishing. With higher effectiveness, SMP-500 can reach a range of sheen state easily equipped with SM metal tools and SM resin pads. Also, ergonomic design can provide user-friendly environment during work.



Patent number

10-1545710



Features

- Weight Shifting System
- Lightweight and Convenient
- Ergonomic Design

Benefits

- Patented Technology : WSS

WSS(Weight Shifting System) is not only safer for users but also improves work efficiency by putting weight pressure on your desired spot indicated on the diagram. Also, it can serve as footrest, pushing up front part of machine.

- Lightweight and Convenient

Lightweight SMP-500 exhibits good performance in small space and is easy to operate. Work performance and efficiency of SMP-500 is comparable with heavy-duty grinder.

- Ergonomic Design

Ergonomic Design of the machine provides user-friendly environment as well as higher productivity.

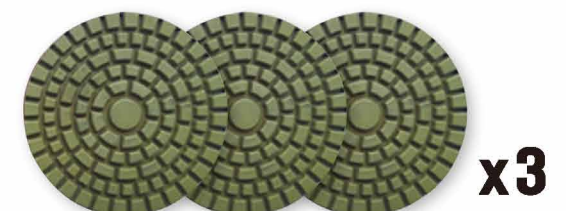


SMP-500 Specification

Model	Siemens Motor	Inverter	Hertz	Voltage	Ampere	Work Area	Water Tank	weight	Dimension (mm)	Rotation	Revolution
SMP-500	5.5 HP	7.5 HP	50~60 Hz	Single phase 220V	11 ~ 13 A	520 mm	20 liter	220 kg	520(W) 1000(L) 1150(H)	0 ~ 1200 RPM	0 ~ 300 RPM



x3



x3

Edge Grinder

SMP-300

Product Descriptions

SMP-300 is ideal for edge grinder guaranteeing excellent performance, maximizing effectiveness, saving time, reducing labor cost. Grinding heads are adjustable in three angles and this design can produce greater result equipped with SM metal tools. Foldable parts, adjustable handle and ergonomic design can ensure its easy operation and transportation.



Features

- Adjustable Grinding Heads
- Electrical Lifting System
- Ergonomic Design

Benefits

- Adjustable Grinding Heads

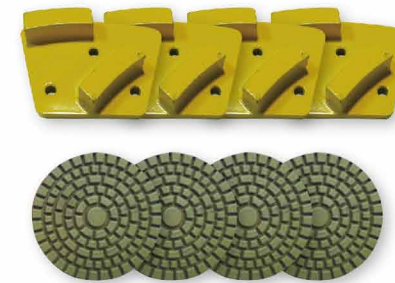
Grinding heads are equipped with guiding device, which can move along with grinding plate in a scope of 360 degrees so this leads to higher grinding precision.

- Electrical Lifting System

This system can adjust the height of abrasives timely during operation, which can ensure grinder's optimal operation capacity.

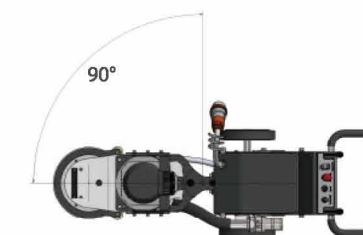
- Ergonomic Design

Foldable and adjustable parts of the machine provide user-friendly environment as well as higher productivity.



SMP-300 Specification

Model	Siemens Motor	Schneider Inverter	Hertz	Voltage	Ampere	Work Area	weight	Dimension(mm)	RPM
SMP-300	5.5 HP	5.5 HP	50~60 Hz	Single phase 220 V	10 ~ 12 A	300 mm	120 kg	480(W) 1200(L) 900(H)	0 ~ 1200



Burnishing Machine

SMB

Product Descriptions

SMB is a necessity to produce sheen finish after applying penetrating concrete densifier or it can be used at the last step of concrete polishing process to make higher glossy effect quickly. Its polishing efficiency is about 2 times higher than general grinder & polisher and glossy result comes out more quickly. Also, SMB is suitable for removal of laitance before painting.

Features

- Excellent Glossy Finish
- Lightweight and Convenient

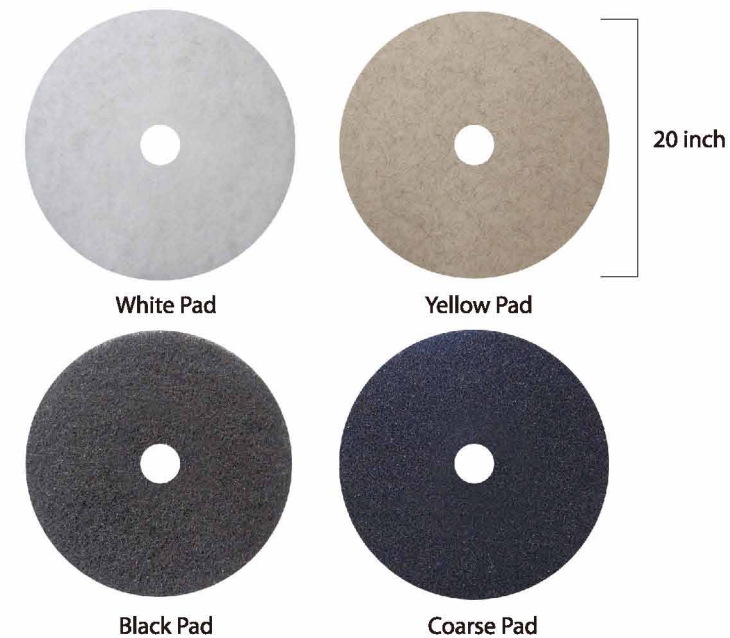
Benefits

- Excellent Glossy Finish

SMB can produce final finish with much glossier and quicker combined with various construction methods.

- Lightweight and Convenient

Lightweight SMB exhibits good performance in small space and is easy to operate. This versatile machine is used for last-step of polishing system, following stage of concrete densifier applying as well as getting rid of laitance previously during painting.



SMB Specification

Model	Siemens Motor	Inverter	Hertz	Voltage	Ampere	Work Area	weight	Dimension(mm)	RPM
SMB	5.5 HP	7.5 HP	50~60 Hz	Single phase 220 V	7 ~ 12 A	510 mm	94 kg	510(W) 915(L) 850(H)	0 ~ 1200



Premium Mortar PROFLOOR

Overview

As premium mortar, self-leveling type, plastering type and B type are available. No cracks appear as its contraction rate which results from temperature change is minimized. With higher compressive strength, this mortar is suitable for damp surface, outside & inside. Also, this mortar is polishable and can be mixed with aggregate or glass to make more than THK100mm



Application Case



Benefits

- Quick setting time
- Excellent strength and durable
- Eco-friendly inorganic flooring
- No primer
- Polishable mortar
- Resistant to salt water, acid
- Damp area
- Nonflammable finish
- No cracks outside, at 30°C
- THK 6mm, outside
- Mixed with aggregate if more than THK 10mm
- Interior & exterior

Application

- Parking lots, ramp, factory, chemical plant, shopping mall, hospital, harbor, concrete road
- Damp area such as kitchen, cafeteria, water treatment facility
- Quick repair or construction work site
- Concrete polishing system, area required thicker THK

Technical Data / PROFLOOR-SL

- Compressive strength : 46MPa
- Technical consumption: 1mm/1.8kg/1 m²
- Initial setting time : 40 min. (25°C)
- Foot traffic: 2 hrs. (25°C)
- Vehicle traffic: 12 hrs. (25°C)
- Color : Gray
- Tools : rake, trowel
- Shelf life : 12 months, if kept away from moisture, direct sunlight and kept inside

Technical Data / PROFLOOR-PS

- Compressive strength : 54MPa
- Technical consumption: 1mm/1.9kg/1 m²
- Initial setting time : 30 min. (25°C)
- Foot traffic: 2 hrs. (25°C)
- Vehicle traffic: 12 hrs. (25°C)
- Color : Gray
- Tools : trowel
- Shelf life : 12 months, if kept away from moisture, direct sunlight and kept inside

Technical Data / PROFLOOR-B

- Only for inside application.
- Compressive strength : 46MPa
- Technical consumption: 1mm/1.8kg/1 m²
- Initial setting time : 40 min. (25°C)
- Foot traffic: 3 hrs. (25°C)
- Vehicle traffic: 12 hrs. (25°C)
- Color : White, gray
- Tools : rake, trowel
- Shelf life : 8 months, if kept away from moisture, direct sunlight and kept inside

Densifier

ULTRATOP-LI

Overview

Ultratop-LI is a water-based lithium silicate solution used to densify and dustproof concrete surface. It penetrates and chemically reacts within the concrete surface, producing extremely hard and dense calcium silicate hydrate in the pores. The result is that concrete is more durable, easier to clean, and more resistant to damage from water and mild chemicals.



Benefits

- Eco-friendly products
- Excellent and deep penetrating to concrete
- Treated concrete is more dense and durable
- Permanent treatment that never peels off
- No efflorescence appears
- Easy application
- New or old concrete

Application

- Chemical factory, parking lot, warehouse, shopping mall, convention hall
- Exposed concrete or mortar finish
- Open-air storage yard, rooftop

Technical Data

- Color, appearance : clear, liquid
- Odor : None
- Freezing point : 0℃
- pH : 10~11
- Density (25℃) : 1.15
- Viscosity (25℃) : less than 18cps
- Solid content(250℃, 1hr) : 15~17wt%

Package 20L/pail, 200L/drum

Shelf Life 24 months if kept at 5℃~35℃, cool place and unopened

Application Procedure

1. Preparation of Surface

- New concrete must be dried for at least 20 days
- The surface must be clean without dust or any contaminants
- Make sure completely dry surface before application
- Remove weaken part, repair and fill it or cracks

2. Condition

- Apply under surface temperature of 5~35℃
- Avoid very hot day, freezing day, rainy day or windy day as this product tends to evaporate or freeze easily

3. Application

- Spray it with low-speed sprayer to saturate the surface.
- Sweep it out with dry cloth or sponge where this product is collected in one spot
- White powder may appear if over applied
- In 12 hours/25℃, apply SM-HS sealer, which can be considered an option to improve surface protection
- In 3~4 hours/25℃, proceed with SMB: SM burnishing machine, which can be chosen by user for better effect

4. Dry Time

- Within 72 hours after treated, keep the surface off water.
- At least 7 Days need to dry it completely although surface dry completes within 1~2 hours
- In case of painting epoxy or urethane on it, 15-day dry time and paint not including thinner are required

Sealer

SM-HS

Overview

Easy care and long lasting floor with **SM-HS**. With excellent penetrating to concrete, it provides stain protection against water, oil, grease and high reflectivity with slip resistance.



Benefits

- Excellent penetrating to concrete
- Protection the surface
- Resistance to oil, grease and coffee
- Easy maintenance
- Easy application

Application

- Concrete polishing system
- Factory, parking lot, food warehouse, Shopping mall, convention hall
- Exposed concrete walls or floors

Technical Data

- Color, appearance : milky, liquid
- Odor : Mild
- Freezing point : -1℃
- pH : 11~12
- Density (25℃) : 1.1~1.2
- Viscosity (25℃) : less than 30cps
- Solid content(250℃, 1hr) : 25~27wt%

Package 20L/pail, 206L/drum

Shelf Life 12 months if kept at 5℃~35℃, off sunlight and unopened

Application Procedure

1. Preparation of Surface

- New concrete must be dried for more than 15 days
- The surface must be clean without dust or any contaminants
- Make sure completely dry surface before application, especially after water cleaning
- To produce exposed concrete effect, set SM Ultratop (densifier) and in 12 hours, remove laitance and then apply SM-HS

2. Condition

- Apply under surface temperature of 5~35℃
- Avoid very hot day, freezing day, rainy day or windy day as this product tends to evaporate or freeze easily

3. Application

- Spray it with low-speed sprayer onto the surface and immediately rub with mopping cloth
- Sweep it out with dry cloth where SM-HS formed puddle
- Required speedy work to avoid pre-drying

4. Dry Time

- Within initial 72 hours, keep the surface off water or liquid
- Foot traffic is 1~2 hours and heavy vehicle traffic is 72 hours
- Completely dry time needs 24 ~ 72 hours, considering temperature, humidity and etc

DIAMOND segment shoe

SMD SERIES



SMD K-30

Shoe Size	76×51×55×5.7	Features
Seg. Size	10×35×11mm	<ul style="list-style-type: none"> - Very hard concrete, marble, granite, resin mortar - Rough grinding - Produce still rough surface of floor or flat surface - Effective for very hard floor while more consumption for soft floor
Grit	#25~#30	
Number of Seg.	2	
Type	Dry, wet	
Attachment	Magnet type Set screw 6,15mm *3 pcs	
Application	Concrete, Marble, etc	



SMD K-60

Shoe Size	76×51×55×5.7	Features
Seg. Size	10×35×11mm	<ul style="list-style-type: none"> - Very hard concrete, marble, granite, resin mortar - Medium grinding - Produce less rough surface of floor or leave hair-scratches - Effective for very hard floor while more consumption for soft floor
Grit	#50~#60	
Number of Seg.	2	
Type	Dry, wet	
Attachment	Magnet type Set screw 6,15mm *3 pcs	
Application	Concrete, Marble, etc	



SMD K-100

Shoe Size	76×51×55×5.7	Features
Seg. Size	10×35×11mm	<ul style="list-style-type: none"> - Very hard concrete, marble, granite, resin mortar - Fine grinding - Removing fine scratches - Producing smooth surface of floor - Filling pin holes
Grit	#90~#100	
Number of Seg.	2	
Type	Dry, wet	
Attachment	Magnet type Set screw 6,15mm *3 pcs	
Application	Concrete, Marble, etc	



SMD L-30

Shoe Size	76×51×55×5.7	Features
Seg. Size	10×35×11mm	<ul style="list-style-type: none"> - Medium hard concrete, marble, limestone, resin mortar - Rough grinding - Produce still rough surface of floor or flat surface - Less effective for very hard floor while more consumption for soft floor
Grit	#25~#30	
Number of Seg.	2	
Type	Dry, wet	
Attachment	Magnet type Set screw 6,15mm *3 pcs	
Application	Concrete, Marble, etc	



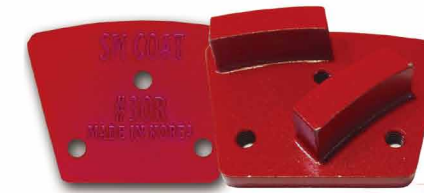
SMD L-60

Shoe Size	76×51×55×5.7	Features
Seg. Size	10×35×11mm	<ul style="list-style-type: none"> - Medium hard concrete, marble, limestone, resin mortar - Medium grinding - Produce less rough surface of floor or leave hair-scratches - Less effective for very hard floor while more consumption for soft floor
Grit	#50~#60	
Number of Seg.	2	
Type	Dry, wet	
Attachment	Magnet type Set screw 6,15mm *3 pcs	
Application	Concrete, Marble, etc	



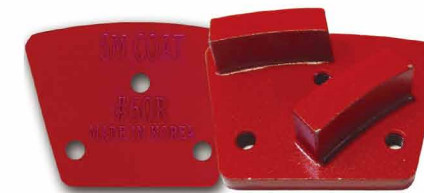
SMD L-100

Shoe Size	76×51×55×5.7	Features
Seg. Size	10×35×11mm	<ul style="list-style-type: none"> - Medium hard concrete, marble, limestone, resin mortar - Fine grinding - Remove fine scratches - Produce smooth surface of floor - Filling pin holes
Grit	#90~#100	
Number of Seg.	2	
Type	Dry, wet	
Attachment	Magnet type Set screw 6,15mm *3 pcs	
Application	Concrete, Marble, etc	



SMD R-30

Shoe Size	76×51×55×5.7	Features
Seg. Size	10×35×11mm	<ul style="list-style-type: none"> - Very soft concrete, marble, limestone, resin mortar - Rough grinding - Produce still rough surface of floor or flat surface - Less effective for very hard floor
Grit	#25~#30	
Number of Seg.	2	
Type	Dry, wet	
Attachment	Magnet type Set screw 6,15mm *3 pcs	
Application	Concrete, Marble, etc	



SMD R-60

Shoe Size	76×51×55×5.7	Features
Seg. Size	10×35×11mm	<ul style="list-style-type: none"> - Soft concrete, marble, limestone, resin mortar - Medium grinding - Produce less rough surface of floor or leave hair-scratches - Ineffective for very hard floor
Grit	#50~#60	
Number of Seg.	2	
Type	Dry, wet	
Attachment	Magnet type Set screw 6,15mm *3 pcs	
Application	Concrete, Marble, etc	



SMD R-100

Shoe Size	76×51×55×5.7	Features
Seg. Size	10×35×11mm	<ul style="list-style-type: none"> - Soft concrete, marble, limestone, epoxy - Fine grinding - Remove fine scratches - Produce smooth surface of floor - Filling pin holes
Grit	#90~#100	
Number of Seg.	2	
Type	Dry, wet	
Attachment	Magnet type Set screw 6,15mm *3 pcs	
Application	Concrete, Marble, etc	



- K** Hard Concrete
- L** Medium Hard Concrete
- R** Soft Concrete

4inch, RUBBER LAYER, DRY type

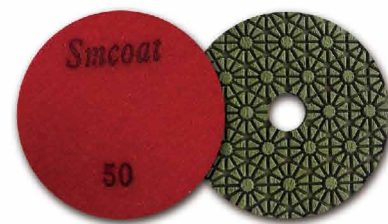
SM4ACR SERIES

Note

1. If surface is rough, firstly make it smooth by metal grinding.
2. If surface is soft, improve surface strength by applying penetrating densifier and after 24 hours, use these pads.
3. If the surface is soft or rough, resin pads will be consumed quickly.
4. Do not use water as it is 100% dry type.

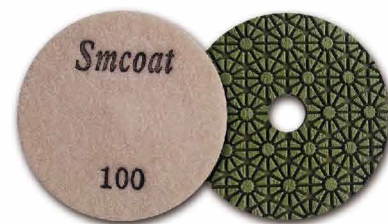


Patent number
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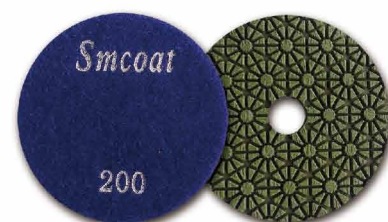
SM4ACR-50

Outer Diameter	Ø100×1mm	Attachment	Features
THK, Rubber layer	4mm, 5mm	SM holder	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin, self-leveling product - Remove remaining scratches - Effective way to get rid of laitance by using dry method - Soft material so not broken easily - Being consumed completely without leaving any scratches
Grit	#50		
Material	Soft		
Type	Dry		



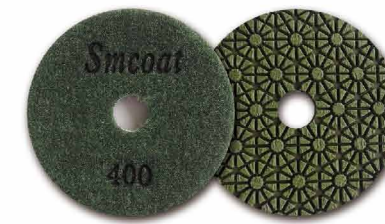
SM4ACR-100

Outer Diameter	Ø100×1mm	Attachment	Features
THK, Rubber layer	4mm, 5mm	SM holder	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin, self-leveling product - Remove remaining scratches up to 100% - Effective way to get rid of laitance by using dry method - Soft material so not broken easily - Being consumed completely without leaving any scratches
Grit	#100		
Material	Soft		
Type	Dry		



SM4ACR-200

Outer Diameter	Ø100×1mm	Attachment	Features
THK, Rubber layer	4mm, 5mm	SM holder	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin, self-leveling product - Create first glossy state of floor - Soft material so not broken easily - Being consumed completely without leaving any scratches
Grit	#200		
Material	Soft		
Type	Dry		



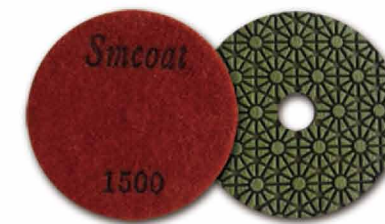
SM4ACR-400

Outer Diameter	Ø100×1mm	Attachment	Features
THK, Rubber layer	4mm, 5mm	SM holder	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin, self-leveling product - Create first glossy state of floor - Soft material so not broken easily - Being consumed completely without leaving any scratches
Grit	#400		
Material	Soft		
Type	Dry		



SM4ACR-800

Outer Diameter	Ø100×1mm	Attachment	Features
THK, Rubber layer	4mm, 5mm	SM holder	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin, self-leveling product - Create glossy state of floor - Soft material so not broken easily - Being consumed completely without leaving any scratches
Grit	#800		
Material	Soft		
Type	Dry		



SM4ACR-1500

Outer Diameter	Ø100×1mm	Attachment	Features
THK, Rubber layer	4mm, 5mm	SM holder	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin, self-leveling product - Create almost final glossy state of floor - Soft material so not broken easily - Being consumed completely without leaving any scratches
Grit	#1500		
Material	Soft		
Type	Dry		



SM4ACR-3000

Outer Diameter	Ø100×1mm	Attachment	Features
THK, Rubber layer	4mm, 5mm	SM holder	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin, self-leveling product - Create final glossy state of floor - Soft material so not broken easily - Being consumed completely without leaving any scratches
Grit	#3000		
Material	Soft		
Type	Dry		

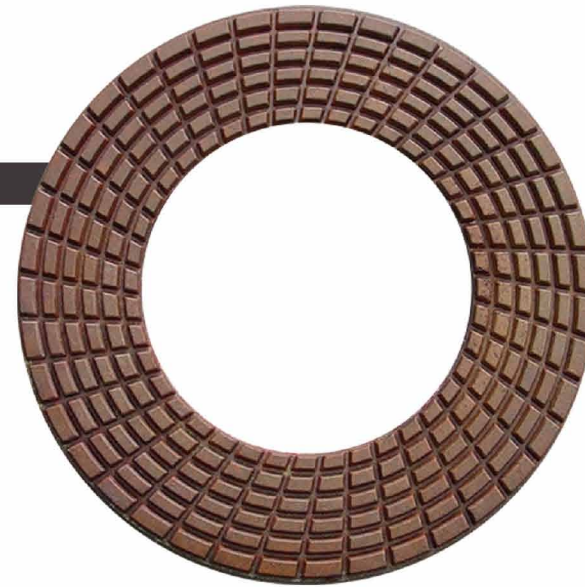


SM holder

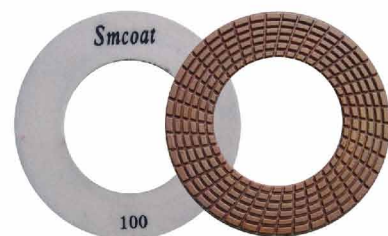
Outer Diameter	Ø100×5mm	Attachment	Features
Fixing Pin	Setscrew 6,15mm	Only for SM4WDH SM4ACR	<ul style="list-style-type: none"> - SMholder holds the pad tightly to be in right position without being pushed out or dropping out during operation of machine - Prevent one-sided wearing - Attachment way of SM holder as same as that of SMD - Magnetic attachment type
Number of Fixing Pin	3		
Material	Steel & velcro		
Type	Accessory (holder)		

7inch, **DRY** type**SM7AC SERIES****Note**

1. If surface is rough, firstly make it smooth by metal grinding.
2. If surface is soft, improve surface strength by applying penetrating densifier and after 24 hours, use these pads.
3. If the surface is soft or rough, resin pads will be consumed quickly.
4. Do not use water as it is 100% dry type.

**SM7AC-50**

Outer Diameter	Ø173×1mm	Attachment	Features
THK	4mm	Velcro backed	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin, self-leveling product - Suitable for side or angle area - Remove remaining scratches - Effective way to get rid of laitance by using dry method - Soft material so not broken easily
Grit	#50		
Material	Soft		
Type	Dry		

**SM7AC-100**

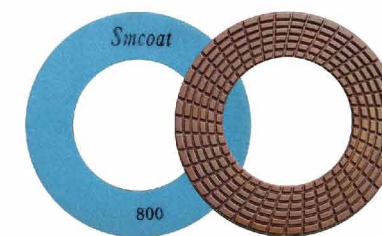
Outer Diameter	Ø173×1mm	Attachment	Features
THK	4mm	Velcro backed	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin, self-leveling product - Suitable for side or angle area - Remove remaining scratches up to 100% - Effective way to get rid of laitance by using dry method - Soft material so not broken easily
Grit	#100		
Material	Soft		
Type	Dry		

**SM7AC-200**

Outer Diameter	Ø173×1mm	Attachment	Features
THK	4mm	Velcro backed	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin, self-leveling product - Suitable for side or angle area - Create first glossy state of floor - Soft material so not broken easily
Grit	#200		
Material	Soft		
Type	Dry		

**SM4AC-400**

Outer Diameter	Ø173×1mm	Attachment	Features
THK	4mm	Velcro backed	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin, self-leveling product - Suitable for side or angle area - Create glossy state of floor - Soft material so not broken easily
Grit	#400		
Material	Soft		
Type	Dry		

**SM4AC-800**

Outer Diameter	Ø173×1mm	Attachment	Features
THK	4mm	Velcro backed	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin, self-leveling product - Suitable for side or angle area - Create higher glossy state of floor - Soft material so not broken easily
Grit	#800		
Material	Soft		
Type	Dry		

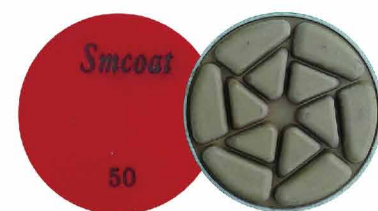
**SM4AC-1500**

Outer Diameter	Ø173×1mm	Attachment	Features
THK	4mm	Velcro backed	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin, self-leveling product - Suitable for side or angle area - Create final glossy state of floor - Soft material so not broken easily
Grit	#1500		
Material	Soft		
Type	Dry		

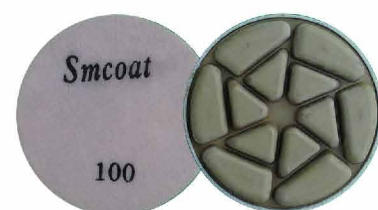
4inch, WET & DRY type

SM4WDH SERIES**Note**

1. If surface is rough, it is recommended to make the surface smooth by metal grinding.
2. If surface is soft, improve surface strength by applying penetrating densifier and after 24 hours, use these pads.
3. If the surface is soft, this pads will be consumed quickly.
4. Use water according to the work-site conditions such as hard floor or resin mortar.
5. During concrete polishing system, SM4WDH can be used up to grit 100 or grit 200 and then use SM4AC, SM4ACR from grit 400.
6. Speed control of polisher is critical to produce high quality result.

**SM4WDH-50**

Outer Diameter	Ø100×6mm	Attachment	Features
THK	10mm	SM holder	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin - Remove remaining scratches - Effective way to remove high spots on concrete by dry or wet type - Hard material but not broken easily - Wet type is recommended
Grit	#50		
Material	Hard		
Type	Dry, Wet		

**SM4WDH-100**

Outer Diameter	Ø100×6mm	Attachment	Features
THK	10mm	SM holder	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin - Remove hair-scratches up to 100% - Effective way to remove high spots on concrete by dry or wet type - Hard material but not broken easily - Wet type is recommended
Grit	#100		
Material	Hard		
Type	Dry, Wet		

**SM4WDH-200**

Outer Diameter	Ø100×6mm	Attachment	Features
THK	10mm	SM holder	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin - Create first glossy state of floor - Hard material but not broken easily - Wet type is recommended
Grit	#200		
Material	Hard		
Type	Dry, Wet		

3inch, WET & DRY type

SM3WDH SERIES**SM4WDH-400**

Outer Diameter	Ø100×6mm	Attachment	Features
THK	10mm	SM holder	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin - Create glossy state of floor - Hard material but not broken easily - Only use it by wet type - Make surface much smoother by wet polishing
Grit	#400		
Material	Hard		
Type	Dry		

**SM4WDH-800**

Outer Diameter	Ø100×6mm	Attachment	Features
THK	10mm	SM holder	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin - Create higher glossy state of floor - Hard material but not broken easily - Only use it by wet type - Make surface much smoother by wet polishing
Grit	#800		
Material	Hard		
Type	Dry		

**SM4WDH-1500**

Outer Diameter	Ø100×6mm	Attachment	Features
THK	10mm	SM holder	<ul style="list-style-type: none"> - Concrete, marble, granite, limestone, mortar resin - Create much higher glossy state of floor - Hard material but not broken easily - Only use it by wet type - Make surface much smoother by wet polishing
Grit	#1500		
Material	Hard		
Type	Dry		

**SM holder**

Outer Diameter	Ø100×5mm	Attachment	Features
Fixng Pin	Setscrew 6,15mm	Only for SM4WDH SM4ACR	<ul style="list-style-type: none"> - SMholder holds the pad tightly to be in right position without being pushed out or dropping out during operation of machine - Prevent one-sided wearing - Attachment way of SM holder as same as that of SMD - Magnetic attachment type
Number of Fixing Pin	3		
Material	Steel & velcro		
Type	Accessory (holder)		

Hand Grinder 4inch

SMHG4 SERIES**SMHG4-K30**

Wheel Size	Ø100×4mm	Features
Seg. Size	30×7×10mm	<ul style="list-style-type: none"> - Hard concrete, marble, limestone, resin mortar - Rough grinding - Producing still rough surface - Effective for very hard floor while more consumption for soft floor
Grit	#25~#30	
Number of Seg.	8	
Type	Dry, Wet type	
Attachment	15,19mm screw	
Application	Concrete, Marble, etc	

**SMHG4-K60**

Wheel Size	Ø100×4mm	Features
Seg. Size	30×7×10mm	<ul style="list-style-type: none"> - Hard concrete, marble, limestone, resin mortar - Medium grinding - Producing less rough surface of floor - Effective for very hard floor while more consumption for soft floor
Grit	#50~#60	
Number of Seg.	8	
Type	Dry, Wet type	
Attachment	15,19mm screw	
Application	Concrete, Marble, etc	

**SMHG4-K100**

Wheel Size	Ø100×4mm	Features
Seg. Size	30×7×10mm	<ul style="list-style-type: none"> - Hard concrete, marble, limestone, resin mortar - Fine grinding - Remove fine scratches - Producing smooth surface
Grit	#90~#100	
Number of Seg.	8	
Type	Dry, Wet type	
Attachment	15,19mm screw	
Application	Concrete, Marble, etc	

**SMHG4-L30**

Wheel Size	Ø100×4mm	Features
Seg. Size	30×7×10mm	<ul style="list-style-type: none"> - Medium hard concrete, marble, limestone, resin mortar - Rough grinding - Producing still rough surface of floor - Less effective for very hard floor while more consumption for soft floor
Grit	#25~#30	
Number of Seg.	8	
Type	Dry, Wet type	
Attachment	15,19mm screw	
Application	Concrete, Marble, etc	

**SMHG4-L60**

Wheel Size	Ø100×4mm	Features
Seg. Size	30×7×10mm	<ul style="list-style-type: none"> - Medium hard concrete, marble, limestone, resin mortar - Medium grinding - Producing less rough surface of floor - Less effective for very hard floor while more consumption for soft floor
Grit	#50~#60	
Number of Seg.	8	
Type	Dry, Wet type	
Attachment	15,19mm screw	
Application	Concrete, Marble, etc	

**SMHG4-L100**

Wheel Size	Ø100×4mm	Features
Seg. Size	30×7×10mm	<ul style="list-style-type: none"> - Medium hard concrete, marble, limestone, resin mortar - Fine grinding - Remove fine scratches - Producing smooth surface
Grit	#90~#100	
Number of Seg.	8	
Type	Dry, Wet type	
Attachment	15,19mm screw	
Application	Concrete, Marble, etc	

Hand Grinder 7inch

SMHG7 SERIES**SMHG7-K30**

Wheel Size	Ø165×3.6mm	Features
Seg. Size	33×6.5×8mm	<ul style="list-style-type: none"> - Hard concrete, marble, limestone, resin mortar - Rough grinding - Producing still rough surface of floor - Effective for very hard floor while more consumption for soft floor
Grit	#25~#30	
Number of Seg.	12	
Type	Dry, Wet type	
Attachment	15,19mm screw	
Application	Concrete, Marble, etc	

**SMHG7-K60**

Wheel Size	Ø165×3.6mm	Features
Seg. Size	33×6.5×8mm	<ul style="list-style-type: none"> - Hard concrete, marble, limestone, resin mortar - Medium grinding - Producing less rough surface of floor - Effective for very hard floor while more consumption for soft floor
Grit	#50~#60	
Number of Seg.	12	
Type	Dry, Wet type	
Attachment	15,19mm screw	
Application	Concrete, Marble, etc	

**SMHG7-K100**

Wheel Size	Ø165×3.6mm	Features
Seg. Size	33×6.5×8mm	<ul style="list-style-type: none"> - Hard concrete, marble, limestone, resin mortar - Fine grinding - Remove fine scratches - Producing smooth surface
Grit	#90~#100	
Number of Seg.	12	
Type	Dry, Wet type	
Attachment	15,19mm screw	
Application	Concrete, Marble, etc	

**SMHG7-L30**

Wheel Size	Ø165×3.6mm	Features
Seg. Size	33×6.5×8mm	<ul style="list-style-type: none"> - Medium hard concrete, marble, limestone, resin mortar - Rough grinding - Producing still rough surface of floor - Less effective for very hard floor while more consumption for soft floor
Grit	#25~#30	
Number of Seg.	12	
Type	Dry, Wet type	
Attachment	15,19mm screw	
Application	Concrete, Marble, etc	

**SMHG7-L60**

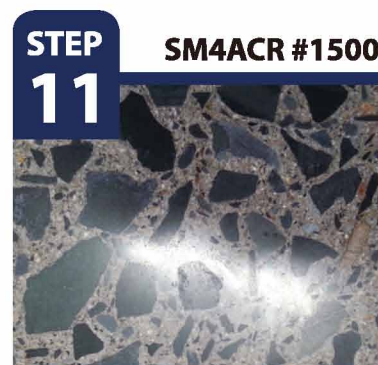
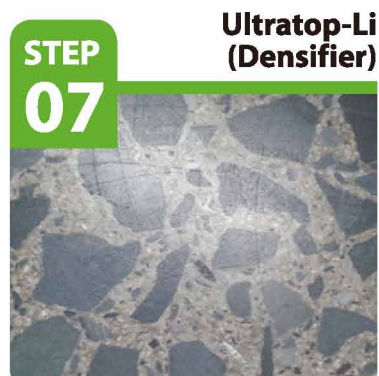
Wheel Size	Ø165×3.6mm	Features
Seg. Size	33×6.5×8mm	<ul style="list-style-type: none"> - Medium hard concrete, marble, limestone, resin mortar - Medium grinding - Producing less rough surface of floor - Less effective for very hard floor while more consumption for soft floor
Grit	#50~#60	
Number of Seg.	12	
Type	Dry, Wet type	
Attachment	15,19mm screw	
Application	Concrete, Marble, etc	

**SMHG7-L100**

Wheel Size	Ø165×3.6mm	Features
Seg. Size	33×6.5×8mm	<ul style="list-style-type: none"> - Medium hard concrete, marble, limestone, resin mortar - Fine grinding - Removing fine scratches - Producing smooth surface
Grit	#90~#100	
Number of Seg.	12	
Type	Dry, Wet type	
Attachment	15,19mm screw	
Application	Concrete, Marble, etc	

SM F CONCRETE POLISHING SYSTEM

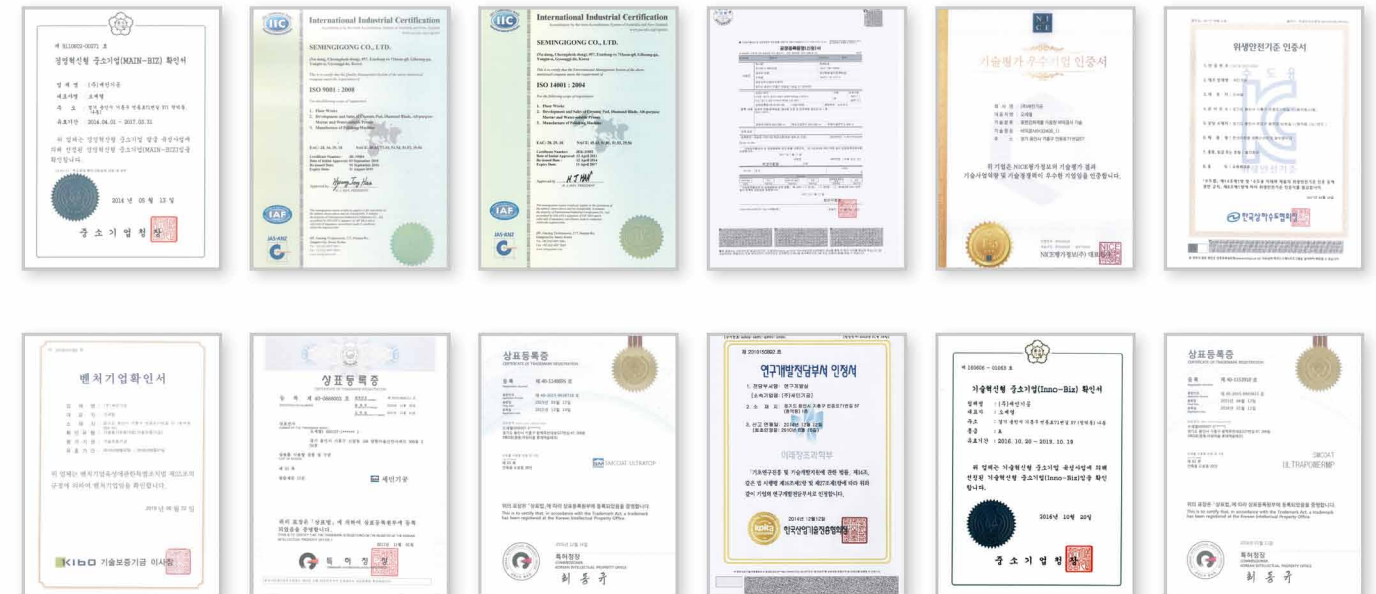
METAL TOOL 3 - STEP



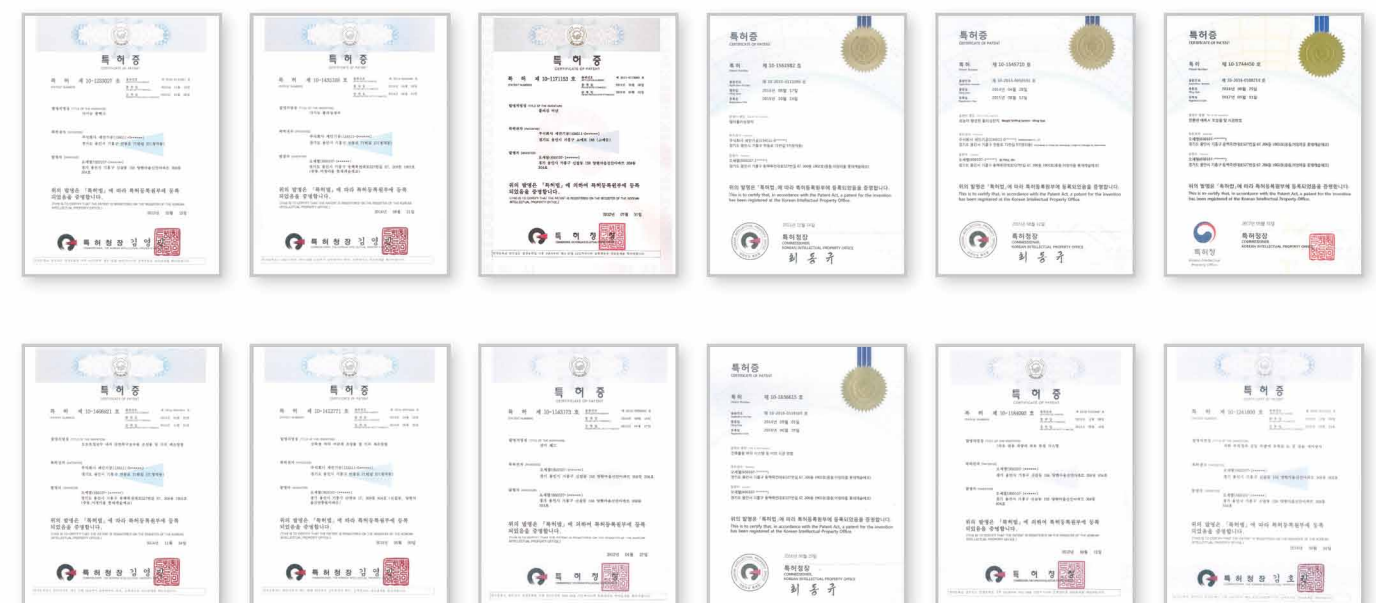
RESIN PAD 6 - STEP

CERTIFICATE OF PATENT

CERTIFICATE



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