



MERROCK

博士盾
BSD-TOP



MSDS
SGS



Abrasive

Machinery

Chemical

High-end product quality, complete product chain, proves MerRock's technical strength!

DONGGUAN MERROCK INDUSTRY CO.,LTD

- Factory Address: No.188 Yuan Qu road, Jiao Lian industrial park, WanJiang District, Dongguan City, GuangDong Province,China
- Sales Department: Room 311, Communication Technology Building, Wanjiang District, Dongguan City, Guangdong Province, China
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- Fax: 0086-769-23152826
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- Multilingual Website: www.stonefloorpolisher.com



Multi Web



MERROCK WECHAT



Multi Web

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Abrasives

Concrete ground abrasives/Diamond alloy discs series



J-001

J-002

J-003



J-004

J-005

J-006

J-007



J-007B

J-007C

J-008



J-009

J-009B

J-010

J-010A

J-011

J-011A



J-012

J-013

J-015

J-016

J-017



J-018

J-019

J-020

J-021

J-022

J-023



J-024

J-025

J-026

J-027

J-028

J-029

Abrasives

Concrete ground abrasives/Diamond alloy discs series

Mode	Diameter	Grit
J-001	4"	30#
J-002	4"	30#50#100#150#300#
J-003	4"	30#
J-004	3"	60#100#150#300#
J-005	3"	30#
J-006	3"	50#80#150#300#
J-007	shape as picture	30#50#150#
J-007B	shape as picture	30#40#50#150#
J-007C	shape as picture	16#18#30#50#100#150#
J-008	4"	30#50#100#200#300#
J-009	4"	30#50#100#200#300#
J-009B	4"	30#50#100#150#
J-010	4"	30#50#100#200#300#
J-010A	4"	30#50#100#200#300#
J-011	4"	30#50#
J-011A	4"	30#50#100#150#
J-012	4"	30#50#100#150#
J-013	4"	16#
J-015	3"4"	30#50#100#150#300#
J-016	shape as picture	PCD
J-017	shape as picture	30#50#100#150#200#300#
J-018	shape as picture	30#50#100#150#200#300#
J-019	shape as picture	30#50#100#150#200#300#
J-020	shape as picture	30#50#100#150#200#300#
J-021	4"	30#50#100#150#300#
J-022	4"	30#50#100#150#300#
J-023	4"	30#50#100#150#300#
J-024	4"	30#50#100#150#300#
J-025	4"	30#50#100#150#300#
J-026	4"	30#50#100#150#300#
J-027	4"	30#50#100#150#300#
J-028	5"6"7"8"	30#50#100#150#300#
J-029	5"6"7"8"	30#50#100#150#300#

Abrasives Hard polishing pads series



Mode	F-21Renovation pad	F-22Renovation pad	F-23Renovation pad
Diameter	3"	3"	3"
Grit	30#50#100# 150#200#300#400# 500#800#1000# 1500#2000#3000#	30#50#100# 150#200#300#400# 500#800#1000#1500# 2000#3000#	30#50#100# 150#200#300#400# 500#800#1000#1500# 2000#3000#



Mode	F-24Renovation pad	F-26Renovation pad	F-26B Renovation pad
Diameter	3"	4"	4"
Grit	1#2#3#4#5#	30#50#100# 150#200#300#400# 500#800#1000#1500# 2000#3000#	30#50#100# 150#200#300#400# 500#800#1000#1500# 2000#3000#



Mode	F-27Renovation pad	F-28Renovation pad	F-29Renovation pad
Diameter	3"4"	5"	6"
Grit	30#50#100# 150#200#300#400# 500#800#1000# 1500#2000#3000#	30#50#100# 150#200#300#400# 500#800#1000#1500# 2000#3000#	1#2#3#4#5#6#

Quality Specification:

2 Qualities in domestic: Middle-Merrock® High: BSD-TOP®
2 Qualities overseas: Middle- Dangsing® High-Apollo®

Soft pad



Mode	MRK Soft pad	Merrock-1# Soft pad	Merrock-2# Soft pad
Diameter	3*4"	3*4"	4"
Grit	30#50#100# 150#200#300#400# 500#800#1000# 1500#2000#3000#	30#50#100# 150#200#300#400# 500#800#1000#1500# 2000#3000#	30#50#100# 150#200#300#400# 500#800#1000#1500# 2000#3000#



Mode	R-3 Soft pad (Apollo)	R-4 Soft pad (Apollo)	R-5 Soft pad (Apollo)	R-6 Soft pad (Apollo)
Diameter	3"4*5"	4"	4"	6"
Grit	30#50#100# 150#200#300#400# 500#800#1000# 1500#2000#3000#	30#50#100# 150#200#300#400# 500#800#1000# 1500#2000#3000#	30#50#100# 150#200#300#400# 500#800#1000# 1500#2000#3000#	30#50#100# 150#200#300#400# 500#800#1000# 1500#2000#3000#

Dry polishing pad



Mode	4-step dry polishing pad			
Diameter	4"	4"	4"	4"
Grit	1#	2#	3#	4#



Mode	G-1 dry polishing pad	G-2 dry polishing pad	5-step dry polishing pad	3-step dry polishing pad
Diameter	4"	4"	4"	4"
Grit	30#50#100# 150#200#300#400# 500#800#1000# 1500#2000#3000#	30#50#100# 150#200#300#400# 500#800#1000# 1500#2000#3000#	1#2#3#4#5#	1#2#3#

※Strongly recommend the 800# and 1500# dry polishing pads G-1 and G-2, excellent gross, physical polishing, and long-term maintenance of brightness

Abrasive demonstration for floor
Granite floor

Granite floor polishing		500m ² for an example							
Step	No.	Picture	Model	Coverage	Qty for 500sqm				
Polishing	1		S12-650 planetary polishing machine	5-10 years/set	1	set	1	set	
	2		MRK-175 Single disc machine	5-10 years/set	1	set	1	set	
	3		F21 Renovation pad (50#)	200-300 m ² /set	2	set	24	pcs	
	4		F21 Renovation pad (150#, 300#, 500#, 800#, 1500#, 2000#)	300-400 m ² /set	2	set	144	pcs	
Crystallization	5		17" white polishing mat	200 m ² /pcs	3	pcs	3	pcs	
	6		BSD- TOP B Marble Polishing Cream (5KGs/Barrel)	400-500 m ² /5KGs	7	KGs	7	KGs	
<p>Remark: This figures is estimated for reference only, the real quantities depends on the actual operation.</p>									

Abrasive demonstration for floor
Marble floor

Marble floor polishing		500m ² for an example							
Step	No.	Picture	Model	Coverage	Qty for 500sqm				
Polishing	1		S12-650 planetary polishing machine	5-10 years/set	1	set	1	set	
	2		MRK-175 Single disc machine	5-10 years/set	1	set	1	set	
	3		R-3 Apollo Wet polishing pad (50#)	150 m ² /set	3	set	36	pcs	
	4		R-3 Apollo Wet polishing pad (150#, 300#, 500#, 800#, 1500#)	200 m ² /set	3	set	180	pcs	
Crystallization	5		17" White polishing mat	200 m ² /pcs	3	pcs	3	pcs	
	6		BSD- TOP B Marble Polishing Powder BSD -202 (5KGs/barrel)	300-400 m ² /5KGs	7	KGs	7	KGs	
<p>Remark: This figures is estimated for reference only, the real quantities depends on the actual operation.</p>									

**Abrasive demonstration for floor
 Concrete/Terrazzo floor**

1000M ² Concrete/ Terrazzo floor project						
Step	Picture	Name	Grit	Sets	Pcs	Remark
Polisher		S12-800 /S12-650		1	1	polishing machine with multifunctional chassis
Grinding		J-007	30#	5	60	each step finish, vacuum and clean
		F-26B	50#	8	96	
		F-26B	150#	8	96	
		F-26B	300#	6	72	
Sealer		MRK-20 concrete sealer		9-10 Barrels	300KGs	300GKs, with mop to put on, according to instruction for sealer Page32
Polishing		F-26B	500#	6	72	after 24 hours for polishing, each step finish, vacuum and clean
		F-26B	1000#	4	48	
		G-1 dry polishing pads	last polishing	6	72	
Remark: This figures is estimated for reference only, the real quantities depends on the actual operation.						

Stone Floor Chemical Industrial Series
 BSD-201/ BSD-202/ BSD-206/ BSD-309(cream)/ BSD TOP-A/ BSD TOP-B

BSD-top crystalline powder has two series: Grade A and Grade B. The outstanding features are as follow:

- Environmental protection—it does not destroy the environment and hurt human health.
- Weak acid, it does not burn the stone and injure the skin of contactors generally.
- Widely applicable, it has prominent effect on themost of marble.
- Excellent results, particularly for grade A, is with very outstanding performance.
- High efficiency, polish fast with gloss.


BSD-TOP Crystalline Powder Instruction for use:

- Stone grinding (50# 150# 300# 500# 800# 1000#) : After stone grinding finish (generally need to grind to 1000 #, such as the pursuit of better results, you need use finer grits of polishing pads to grind), dry vacuum or damp mop, if necessary deep clean.
- Paste preparation and crystallization: Mix crystallization powder with the right amount of water (It's better effect if use with BSD-TOP liquor) , stir into a paste with sticks, massage the paste well into the stone with a single-disc machine MRK-175-2.5, and work at a right angle to the paste lanes (1.5-3minutes/m²). At last grinding, put appropriate water to achieve the desired effect! Do not allow the paste to dry. It's better for some stone of dark color if use with 0# steel wool pad.
- Rinsing: After crystallization, thoroughly rinse the floor and vacuum soiled solution each time. It will be better result if you dry polish with dry twister pad again after stone dry.



Stone grinding
(50# 150# 300# 500# 800# 1000#)



Polishing with single disc polisher MRK-175-2.5



Rinsing

Note:

When it is completed for part of the stone in the construction, before the end result of the crystallization, due to small water procedure, there will be some solid material attached to the surface of the stone, please put plenty of water, and polish with clean polyester pad for a while, then it can get rid of attachments for an ideal effect with stone.

Safety precautions and Particular Risk:

It is forbidden to contact with skin. Do not swallow and contact with eyes, in case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Please put the place out of touch by children.

Storage and expiry time:

Keep in dry place to avoid sun shine, expiry time for two years, if agglomeration, please crush it to use, do not affect the quality and effectiveness.



MRK-175



Polyester pads

Stone Floor Chemical Industrial Series BSD-top Conservation of liquid crystalline

Desired effect:

New long-lasting polishing product.
Crystal shine on your pavements.

Outstanding features:

- Environmental protection—it does not destroy the environment.
- Weak acid, it does not burn the stone and injure the skin of contactors generally.
- Widely applicable, it has prominent effect on the most of marble.
- Excellent results, polish fast with gloss.

Application scope:

Marble, terrazzo, some of granite

Directions for use:

- The ground must be clean and dry before use.
- Shake well before use. Put a 0#steel wool pad beneath the rubber base of the 175RMP machine. It needs polyester pad for some light-colored stone.
- Spray product on the floor uniformly, pass the machine over the liquid with parallel and cross movements until the product is completely dry and appear a deep sheen on the surface. If necessary, it will be better effect due to repeat the operation.
- It's better effect if use with BSD-TOP crystalline powder.



Stone grinding:
(50# 150# 300# 500# 800# 1000#)



Polishing with single
disc polisher MRK-175



Rinsing

Concrete Chemical Industrial Series MRK-20 Potassium / MRK-21 Sodium

Package: 30KGs, 35KGs, 150KGs, 200KGs

Form: Liquid

Burning point: No

Toxicity: No, without any venomous material composition

Color: As clear as crystal, has little light color

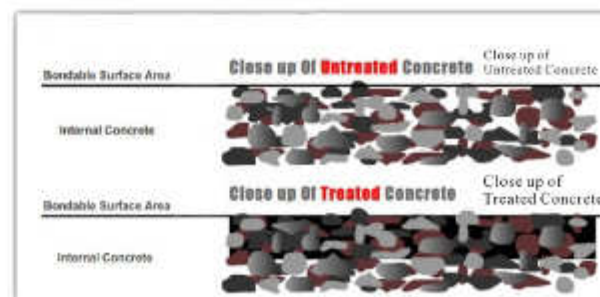
Active ingredient: 100%

Concrete curing agent using method:

- 50 # pads grinding uniformly (eg relatively uneven ground, we need to start from 30# grinding).
- 150 # grinding (wet or dry both can).
- 300 # grinding.
- Rinsing and then cleaning up for each step after 50# 150# 300#.
- When the ground reaches the dry state, spraying the curing agent, with a special mop drag back and forth, so that the curing agent applied evenly and kept moist state a period of time (40 minutes till 1 hours), at same time, it need to supplement some of the curing agent to keep the ground moist, so it would be more uniform curing.
- It is a normal phenomenon that the ground is white after fast hardener dry.
- When dry completely, **keep twelve hours.**
- With 500# pads to polish uniformly, then, clean, rinse with water the ground.
- When the ground is dry totally, dry polishing with 800 # by fast speed polishing machine.
- If you need to further improve, can choose 1500# dry polishing from our factory one more time.
- If you need to make a mirror-like surface effect, choose our MRK-0# brightener.
- Polishing with single disc polisher after MRK-0#.

Remark:

Our special concrete grinding pads are more durable than the wet polishing pads on sale in market. It can save more cost, welcome to try!



50#150#300#grinding



Rinsing and cleaning for
each grinding step



Put on curing agent



Cleaning after keep
moist state at least 2 hours



Keep 12 hours



500#800#1500# polishing



Rinsing and cleaning for
each polishing step

Concrete Chemical Industrial Series
Rapid hardening curing agent MRK-24



Color: translucent white.

Attribute: acidic

Characteristics: the ground could be hard only after one hour, and would be greatly increased the hardness later, be bright and glossy after grinding; penetration depth of about 1 cm.



50# 150# 300# grinding



Rinsing and cleaning for each grinding step



Put on curing agent



Cleaning after keep moist state at least 2 hours



Keep 5 hours



500# 800# 1500# polishing



Rinsing and cleaning for each polishing step

Concrete curing agent using method :

- 50 # pads grinding uniformly (eg relatively uneven ground, we need to start from 30# grinding).
- 150 # grinding (wet or dry both can).
- 300 # grinding.
- Rinsing and then cleaning up for each step after 50# 150# 300#.
- When the ground reaches the dry state, spraying the curing agent, with a special mop drag back and forth, so that the curing agent applied evenly and kept moist state a period of time (40 minutes till 1 hour), at same time, it need to supplement some of the curing agent to keep the ground moist,so it would be more uniform curing.
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- If you need to further improve, can choose # 1500 dry polishing from our factory one more time.
- If you need to make a mirror-like surface effect, choose our MRK-0# brightener.
- Polishing with single disc polisher after MRK-0#.



SGS



Invention Patent



Tongji Hardness Report



MSDS

Concrete Chemical Industrial Series
Concrete brighten agent MRK-0#



This product is a new high-tech product, water-based, can produce high brightness concentration of synthetic polymers. It can penetrate into the ground deeply, increase the surface hardness and produce high gloss, not easy to dust, can be cleaned by general detergent.



Color: Milky white liquid

Applied fields:The smooth concrete surface needs high-gloss and anti-slippery effect.

The floor which pre-treated by the sealed concrete curing agent needs produce high-gloss in short-term.

The ground of acid dye color, terrazzo, etc. whether old or new, can use this product to reveal high brightness immediately.

In addition to the factory floor, parking lot ground, the product also applies to the exhibition center, stadium, gymnasium, supermarket, large wholesale center ground, gas station and restaurant, etc.

Performance characteristics:

- This product could make ground high brightness without polishing, and the effect should be better if grinding.
 - Non-slip ,this product is in accordance with the request of USA static coefficient of friction ASTM - 2047.
 - This product could prevent ground from scrape and scratch.
 - Durable.
 - The ground could maintain high-gloss only through the scrub.
 - It could be cleaned through the light scavenger.
 - It can restore brightness by dry swabbing with dry pale yellow soft leather.
 - It has the advantage of simple operation, safety, low odor, smoke-free and economy.
 - Safe usage—— water soluble complies with all of the provisions of V.O.C.
- This product is available 24 hours whole day antifouling, such as: wiping easily to soy sauce stains in restaurant and grocery store, or oil stains in gas station.



Put on MRK-0#



Wait for dry



Polishing with single disc polisher MRK-175

Honor

