



**EXTRUM**<sup>®</sup>  
ABRASIVE & INDUSTRIAL SOLUTIONS



**CATALOG**  
STONE AND  
GLASS  
WORKING



# BROCHURE

*FOR STONE AND GLASS WORKING*

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# STONE WORKING

## Discs

### I Silicon carbide fiber discs

For stone, cement, cast iron and synthetic materials. For grinder.

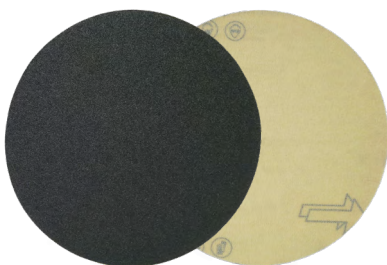


See:  
Backing -plates  
Page 5

DIMENSIONS MM										
Ø OUTSIDE	Ø BORE	MAX. RPM.	P		ORDER NR					
125	22,2	12 000	16	SICAR	C08/206W	25				
			24		C08/207	25				
			36		C08/209	25				
			60		C08/211	25				
			80		C08/213	25				
			120		C08/217	25				
			180		C08/219	25				
			220		C08/223	25				
			178		22,2	8 600	16	SICAR	C08/005	25
							24		C08/007	25
36	C08/009	25								
50	C08/010W	25								
60	C08/011	25								
80	C08/013	25								
120	C08/017	25								
180	C08/019	25								
220	C08/023	25								
				320					C08/025	25
			400		C08/027	25				

### I Silicon carbide self-gripping Disc

Discs without holes, for stone, marble, travertine, polyester and plastics.



DIMENSIONS MM						
Ø		P		ORDER NR		
125		24	SICAR	C09/902	25	
		40		C09/904	25	
		60		C09/906	25	
		80		C09/908	25	
		120		C09/912	25	
		220		C09/914	25	
		320		C09/916	25	
		400		C09/918	25	
		600		C09/919	25	
	150			100	SICAR	C09/932W
		120	C09/933W	50		
		150	C09/933W1	50		
178		40	SICAR	C09/939W	25	
		60		C09/940W	25	
		80		C09/941W	25	
		100		C09/942W	25	
		120		C09/943W	25	
		220		C09/944W	25	
		320		C09/945W	25	
		800		C09/946W	25	

# STONE WORKING

## Discs

### I Tungsten Carbide Hard Disc

Discs for «heavy sanding» of all materials such as polyester, resin, wood, concrete, stones, blocs, composites, fibreglass, all kinds of stone, ...

Not suitable for grinding steel, stainless steel and cast iron.



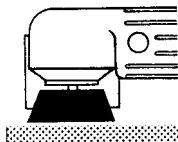
### I Semi-supple surfacing disc

For rough grinding of materials: resin, calamine, coatings, corrosion, plaster, cement, projected coverings with superior hardness of 50 HRS, stone, ...

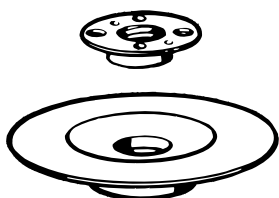


### I Flared cup wheels

For use on angle grinder Ø 178 mm or Ø 230 mm -



### I Backing-plates



DIMENSIONS MM					
Ø OUT.	Ø BORE	MAX. RPM.	GR.	ORDER NR	
115	22,2	10 300	1,2 à 1,8 mm	C14/211	1
			0,8 à 1,2 mm	C14/213	1
			0,3 à 0,5 mm	C14/215	1

Pour respecter la vitesse maximale d'utilisation, vous utiliserez le disque Ø 115mm C14/21\* sur une disqueuse pour disque de Ø 125 mm.

DIMENSIONS MM					
Ø OUT.	Ø BORE	P		ORDER NR	
125	22,2	16	SICAR	M68/019	5
		24		M68/020	5
		36		M68/021	5
178	22,2	16		M68/023	5
		24		M68/024	5
		36		M68/025	5

DIMENSIONS MM					
		MAX. RPM.	P	ORDER NR	
Ø 110/90 x 55 x Ø 22,2		7 800	16	M65/116	6
Ø 110/90 x 55 x Ø 22,2		7 800	24	M65/124	6
Ø 110/90 x 55 x Ø 22,2		7 800	36	M65/136	6
Ø 110/90 x 55 x Ø 22,2		7 800	60	M65/160	6

DIMENSIONS MM			3M	
Ø OUT.		ORDER NR	ORDER NR	
115	M14	C01/012	C01/050	1
125	M14	C01/020	C01/052	1
178	M14	C01/028	C01/054	1
230	M14	C01/036		1


# STONE WORKING

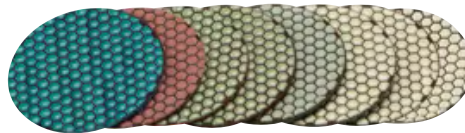
## Discs

### I Diamond sanding pad

For use with hook-and-loop sanding disc 125 Ø. Sanding pads for dry sanding, a great advantage in the repair and renovation areas. Suitable for sanding and polishing granite worktops, fine stoneware tiles, floor tiles, concrete surfaces in the field of vision, natural stone on windowsills, cover panels, sculptures, steps.




DIMENSIONS MM			
Ø OUT.	P	ORDER NR	
125	50	C08/600	1
	100	C08/601	1
	200	C08/602	1
	400	C08/603	1
	800	C08/604	1
	1500	C08/605	1
	3 000	C08/606	1
	10 000	C08/607	1



### I Supple diamond sheets

In sheets of 230 x 280 mm you can easily make your own diamond tools. Small mono-crystalline diamonds surrounded with nickel are put with great regularity on a highly resistant polyester film.

DIMENSIONS MM						
WIDTH	LENGTH	GRIT		ORDER NR		
230	280	N125	BLACK	DIAMOND	K12/181	1
		N74	RED		K12/183	1
		N40	YELLOW		K12/186	1
		N20	WHITE		K12/188	1

- N125 = comparable with a grit 120
- N74 = comparable with a grit 240
- N40 = comparable with a grit 320
- N20 = comparable with a grit 1000



# STONE WORKING

## Diamond discs


### Diamond discs ULTIMATE EXTROM

**Utilisations :** Ceramic floor tiles - Porcelain - Ceramic wall tiles - Ceramic sandstone - Ceramic.

**Advantages :** Diamond discs to cut floor tile and materials. To cut narrow materials such as pavings, eternit, stalties, thin-walled pipes, thin blue stone, ... The cut of a diamond disc with a continued contour is «softer», more «progressive», less vibrations. To cut wet or dry for portable or stationary machines.

DIM. Ø 125mm

PERFORMANCE 

DIM. MM					
Ø	Ø	THICKNESS	ORDER NR		
125	22,2	1,6	N19/325E	1	




### Diamond discs ULTIMATE EXTROM

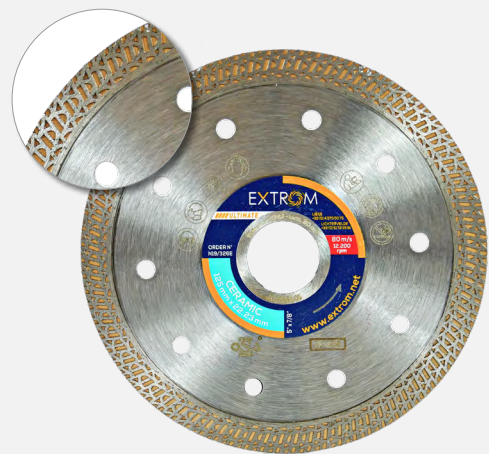
**Utilisations :** Ceramic floor tiles - Porcelain - Ceramic wall tiles - Ceramic sandstone - Ceramic

**Advantages :** Extra thin disc for hard tiles and porcelain. The special profile ensures superior cutting speeds and perfectly cut edges.

DIM. Ø 125mm

PERFORMANCE 

DIM. MM					
Ø	Ø	THICKNESS	ORDER NR		
125	22,2	1,4	N19/326E	1	




### Diamond discs for ceramic floor tiles

**Utilisations :** Clean cut, tiling, ceramics, earthenware materials, stoneware.

**Advantages :**

- Continuous-rim criss-cross design
- Specially designed for clean and chip-free cutting of very hard materials
- 1.4 mm thick, reinforced steel core with 3 plate thicknesses
- Exceptional efficiency and cutting speed

DIM. MM					
Ø	Ø	THICKNESS	ORDER NR		
125	22,2	1,4	N19/327D	1	



# STONE WORKING

## Diamond discs

### I Diamond discs specially for PVC

**Uses :** Marble, PVC, natural stones.

**Benefits :** • Particularly suited for cutting PVC

- High efficiency
- Rim with electrolytic deposit

DIM. MM				
Ø	Ø	ORDER NR	📦	
125	22,22	N19/340D	1	



### I Diamond discs special stoneware

**Uses :** Stoneware, ceramics, earthenware materials, tiling.

**Benefits :** • Precise blade

- Effective even when cutting floor tiles, without chipping
- High cutting speed, good efficiency

DIM. MM				
Ø	Ø	ORDER NR	📦	
125	22,22	N19/326D	1	
230	22,22	N19/332D	1	



### I Continuous rim diamond cutting and sanding natural stone

Disc mounted on M14 aluminum flange, with 1 electroplated diamond side. For adjusting, beveling, chamfering and sanding. Good cutting speed and durability.

DIM. MM				
Ø	THICKNESS	M14	ORDER NR	📦
125	2,5	M14	N19/272	1
230	2,8	M14	N19/276	1



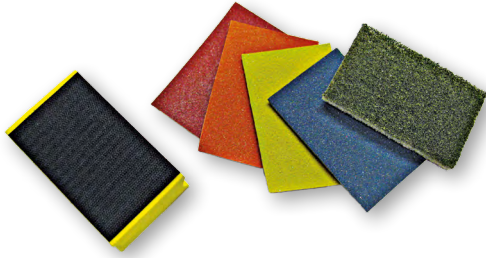


# STONE WORKING

## Discs and polishing kit

### I Polishing kit for the maintenance of blue stone and polished or honed marble

MANUAL



DRILLING MACHINE



### I C08/611 kit discs available as separate parts

### I NYLON+DIAMOND disc 430mm



DESCRIPTION	USE	ORDER NR	
Marble RENOV Kit	MANUAL	C08/610	1
Marble RENOV Kit	DRILLING MACHINE	C08/611	1

**C08/610** : This kit is composed of:

- A support for manual use.
  - 4 pads (red, orange, yellow and blue).
  - A nylon + diamond pad for intense shine.
- Start with the red pad to remove the biggest claws up to the blue pad for a smooth, shiny finish. Always wet the surfaces to be worked and clean with clear water between each operation.

**C08/611** : This Kit is composed of:

- A Velcro support with shaft of 6
- 4 pads (red, orange, yellow and blue)
- A training foam
- A Green foam (pads)
- Nylon+diamond foam for intense shine

DIMENSIONS MM				
Ø	COLOR	USE IN ORDER	ORDER NR	
125	RED	1	C08/612	1
	ORANGE	2	C08/613	1
	YELLOW	3	C08/614	1
	BLUE	4	C08/615	1
	GREEN		C08/620	1

DESCRIPTION	ORDER NR	
Nylon disc + diamond 430 mm red (removes light claws or acid attack)	C08/616	1
Nylon disc + diamond 430 mm yellow (for a slight shine)	C08/617	1
Nylon disc + diamond 430 mm green (for intense shine)	C08/618	1

# STONE WORKING

## Belts

### I Belts with cloth backing for Glass, Stone - Grain Cork (CS 322 X)

The abrasive belt is guaranteed to produce flawless polishing results thanks to its hard-wearing cloth backing. The belt is a superb choice for work on

- glass
- stone and
- ceramic materials.



### I Bandes abrasives en carbure de silicium robuste pour surfaces et arêtes (CS 333 X)

This abrasive belt is an especially fine choice for sanding contours on brass fittings as well as all flat workpieces made of NF metal. Available as short and long belts, these abrasives are engineered for use on pedestal sanders and edge sanders as well as for use in combination with surface grinding machines. The product's primary market segments are the glass industry, the rubber and plastic processing industry, as well as foundries and the valves and fittings industry. This versatility makes this product suitable for a comprehensive range of professional applications that impose the toughest requirements on abrasive belts in terms of tear resistance and stability. Aside from professionals, hobbyists and do-it-yourselfers stand to benefit from the exceptional properties of this product as well. This abrasive belt is available in a variety of sizes and grits.

- glass
- stone
- ceramic
- plastic
- rubber
- NF metals and
- cast parts (scale)



### I Belts with cloth backing for Glass, Stone, Mineral-based materials, Plastic (CS 320 Y)

Extremely tear-resistant polyester as a cloth backing  
Suitable for wet and dry grinding.  
Sharp and extremely hard silicon carbide abrasive grain.  
An excellent choice for sanding on plastic and glass.  
Also effective on stone and other mineral materials.  
This abrasive belt should be used for machine sanding.

- glass,
- plastic,
- ceramic,
- porcelain
- stone



### I Belts with cloth backing for Glass, Stone, Mineral-based materials, Plastic (CS 321 X)

Abrasive belt with a cotton cloth backing for a host of different applications. The abrasive belt is geared towards use on materials that are exceedingly hard. It has demonstrated its outstanding abilities in the glass industry, in ceramic and porcelain factories, and in stainless steel service centres as well as in medical engineering and aircraft construction. The use of the abrasive belt is recommended, for instance, for :

- plastic
- glass
- ceramic and porcelain
- stainless steel
- titanium and titanium alloys
- NF metal and
- rubber



# STONE WORKING

## Products for stone/marble


### I Colourless AVO for marble and granite

Protective product for bush hammered, semi-polished and polished marble and stones. AVO is suitable both for outdoor and indoor surfaces. Solvent-based product.

USE: On well clean and dry surface apply AVO using a cloth. Wait for 5/10 minutes, and then rub the surface with a clean cloth or a brushing machine. On particularly absorbent surfaces evenly apply a second coat. PRODUCT READY TO USE.

MAINTENANCE: Surfaces treated with AVO will have to be maintained with a good neutral detergent.



		ORDER NR	
25 CL		C08/622	1
1 L		C08/623	1

### I DRY STONE Stone protective treatment


#### Description

DRY STONE is a compound based on low molecular weight oligomers with functional modification dissolved in a hydro alcoholic solution. Once fully cured the product prevents the absorption of aqueous and oily liquids, protecting the surface from the attack of aggressive substances.

#### Usage field

DRY STONE est utilisé comme agent de protection invisible pour le marbre, le granit, le grès cérame, la brique, le bois, les tissus et autres types de surfaces absorbantes.



		ORDER NR	
30 CL		C08/632	1
1 L		C08/633	1

### I AKEMI Stone cleaner


#### Cleaner

For the thorough removal of building dirt. Removes layers of stone polish and wax, slight concrete films, oil and grease, soot and tar stains, residues of synthetic paints as well as plaster on all natural and artificial stones such as marble, travertine, terrazzo, granite, brick and cotto slabs, tiles, fair-faced concrete and fine stoneware.

#### Oil and grease remover

Creamy paste with an absorbing agent, easy to apply. Removes grease, oil, wax stains and discolourations arising from plasticizers in sealants on all of natural and artificial stones, ceramic and cotto.




		ORDER NR	
1 L	Nettoyant pierre naturelles	C08/642	1
250 GR	Nettoyant huile et graisse	C08/643	1

### I AKEMI marble filler THIXO

Creamy-soft, smooth filler, thixotropic.

For bonding and filling of natural stone in a vertical position and for modelling corners and edges.




		ORDER NR	
15 CL	GREY	C08/647	1
15 CL	BEIGE	C08/648	1
15 CL	TRANSPARENT	C08/649	1

### I PAMIR cire pour matériaux

Pamirs solid wax neutral that restores the polished natural wax and leaves a light water repellent effect for marble, stone, travertine stone and granite.



		ORDER NR	
50 CL	WHITE	C08/644	1
50 CL	BLACK	C08/645	1

# GLASS WORKING

## Micro abrasive sheets and discs

**For all synthetics - Steel - Stainless steel - Non-ferrous - Polyester - Plexiglas - Resin - Lacquer - Varnish - Glass - Enamel - Crystal - Mother-of-pearl - Ivory - Precious wood - Polishing of dials - Removal of printed marks - Removal of roughness, glazing - Polishing for analyzes - Obtaining the finish**

### I Micro-abrasives on a non-woven backing

Superfine grits are disposed on a synthetic non-woven backing. Extra supple for the fine abrasive sanding of all materials. For dry use or all kinds of fluids. Non-destructive removal of corrosion traces.



**See also our self-adhesive discs ! Contact us !**



*Micro sanding and polishing are always done with water.*

*Vaporize saponaceous water on the to the to be sanded/polished surfaces. Keep the surface and the discs wet.*

*For polishing-glazing it is recommended to use plenty of water and polishing fluid on the to be polished surface and absorbing discs.*

DIMENSIONS MM						
WIDTH	LENGTH		COLOR		ORDER NR	
216	280	30 μ	GREEN	SICAR	B19/130	50
		15 μ	GREY	SICAR	B19/115	50
		9 μ	BLUE	ALOX	B19/109	50
		3 μ	PINK	ALOX	B19/103	50
		2 μ	BLUE GREEN	ALOX	B19/102	50
		1 μ	LIGHT GREEN	ALOX	B19/101	50

### I Micro Finishing Film

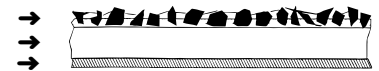
Carefully by size selected micro-abrasive grits, from which the sharp edges are orientated upper wise through an electrostatic pose.

The sheets are grey coloured and the size of the grit is noted on the back.

Possibility to cut into discs, strokes, ... Consult us.

DIMENSIONS MM						
WIDTH	LENGTH		COLOR		ORDER NR	
230	280	60 μ	DIFFERENT SHADES OF GRAY FOLLOWING GRIT	SICAR	B27/760	25
		40 μ			B27/740	25
		30 μ			B27/730	25
		15 μ			B27/715	25

MICRO FINISHING FILM



### I Self-adhesive discs MICRO-ABRASIVES

Self-adhesive discs and sheets MICRO-ABRASIVES on a synthetic non-woven backing.

• Wet sanding with water, oil, petrol, turpentine, alcohol,...

• Absorbing structure, difficult to shred, very supple, easy to cut.

• Sanding of all materials.

• The efficiency of a micro-abrasive 30 micron can be compared with an abrasive grit 800.

15 micron = grit 1 200

9 micron = grit 2 000,

3 micron = grit 4 000



	15 μ C	9 μ A	3 μ A	
DIM. MM	GREY	BLUE	PINK	
Ø 127	B19/315	B19/309	B19/303	50



Glass polishing compound 1L	B19/349	1
Finesse-it 1L	B19/346	1
Imperial 1L	B19/347	1
Backing plate Ø 127 with fixation M14	C03/013	1

# GLASS WORKING

## Belts

### I Belts with cloth backing for Glass, Stone - Grain Cork (CS 322 X)

The abrasive belt is guaranteed to produce flawless polishing results thanks to its hard-wearing cloth backing. The belt is a superb choice for work on

- glass
- stone and
- ceramic materials.



### I Bandes abrasives en carbure de silicium robuste pour surfaces et arêtes (CS 333 X)

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- glass
- stone
- ceramic
- plastic
- rubber
- NF metals and
- cast parts (scale)



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- glass,
- plastic,
- ceramic,
- porcelain
- stone



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- plastic
- glass
- ceramic and porcelain
- stainless steel
- titanium and titanium alloys
- NF metal and
- rubber



# GLASS WORKING

## Grits and powders



**For glass polishing**

### I Silicon Carbide (SICAR)

Often called «Carborundum», the silicon carbide is one of the hardest artificial grits.

It has a grey/black color, it's shiny and ideal for:  
 various lapping  
 work on glass  
 work on cast iron  
 polishing stones  
 cooperage  
 ...



Ø MOYENS EN MICRONS	GRAINS	TYPE DE GRAIN	ORDER NR		
			250 GR	5 KG	25 KG
700	24	SICAR	R03/026	R03/025	R03/024
400	36		R03/038	R03/037	R03/036
250	60		R03/062	R03/061	R03/060
170	80		R03/082	R03/081	R03/080
120	100		R03/102	R03/101	R03/100
100	120		R03/122	R03/121	R03/120
80	180		R03/182	R03/181	R03/180
50	240		R03/242	R03/241	R03/240
30	320		R03/322	R03/321	R03/320
23	400		R03/402	R03/401	R03/400
15	600		R03/602	R03/601	R03/600
13	800		R03/802	R03/801	R03/800
5	1200		R03/814	R03/813	R03/812

### I Cerium Oxide in powder

Very soft, for the final polishing of glass, optics, etc.



	ORDER NR	
	250 GR	1 KG
	R06/003	R06/001

# GLASS WORKING

## Grits and powders

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Également disponibles dans notre gamme, pour plus d'informations techniques, nous consulter !

### I white cerium oxide

Miramax GW 5350 is a white cerium oxide developed for any beveling operation.

- General applications in the field of flat glass
- Cleaning
- Low speed polishing
- All beveling operations



### I Brown cerium oxide

The Miramax 2110 was developed for flat glass and glass cleaning operations before silvering. Suitable for certain polishing operations.



### I Oxyde de cérium brun

The Miramax 4110 was developed for flat glass manufacturers. Suitable for all manual or mechanical beveling and polishing operations.



# GLASS WORKING

## Cork wheels



### The excellence of cork

Beyond the technical performance of composite materials based on cork, this natural resource responds to the concerns and ecological issues facing our society.

### Preservation of the environment

Cork oak forests (cork oak forests) reduce soil erosion and increase water retention, helping to maintain vegetation in the most arid regions. The structure of its bark protects the tree during fire, which is why the cork oak is commonly used as a fire shield.

### Protection of biodiversity

The cork oak forms the basis of a unique ecological system that promotes the growth and survival of many species of fauna and flora.

### Sustainable resource

The lifting of the cork carried out between July and September is an operation which consists in the detachment of the bark on 1/3 of the surface of the tree. The tree is not cut as some claim! This collection is carried out every 9 years, the minimum period necessary for the regeneration of the bark.

The life cycle of a cork oak is +/- 150 years and allows approximately 12 harvests.

A regularly exploited cork oak tree absorbs more CO<sub>2</sub> than an abandoned subject.

The impact on global warming is measured because cork-based agglomerated materials emit 30% less CO<sub>2</sub> than competing products such as polypropylene, polyurethane or polystyrene...

### Viable resource

The economy of the «world of cork» offers a direct or indirect activity to more than 100,000 people around the world.



### USE OF CORK FOR ABRASION

#### Your needs

You are confronted with a problem of polishing within the framework of your activity.

In the crystal field, for example, the edge of the roughened glass can be polished with a cork wheel.

The glassmaker has the art of taming glass. He needs to apply this know-how with an abrasive material adapted to the mechanical requirements of materials such as glass and crystal. To carry out finishing or polishing operations, we offer solutions specific to your activity.

#### Cork at the service of polishing

Cork wheels have abrasive qualities that have long been recognized by professionals in the sector.



#### Cork wheel custom made to customer specifications...

The special cork grit for glass polishing and final finishing of glass edges, can be used wet or dry. Long life and uniform polishing.






# GLASS WORKING

## Accessories and kits

### I Glass Polishing Compound

For polishing glass and crystal with felt disc.




	ORDER NR	
1L	B19/349	1

### I Glass Polishing Repair Kit

With this kit, you can re-polish claws, scrapes and clouded areas yourself. An aquarium, a pane of glass, a windshield, a glass table, a crystal vase, ... can be saved!




	ORDER NR	
KIT	R40/001	1

### I Glass cutter

Glass cutter with steel wheel.



	ORDER NR	
	O11/012	1



**CONTACT**

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- Industrielaan, 14  
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