

Polishing Solutions



High Gloss



Abrasive Products



MICROSTAR®

This new film product is designed for mattening and paint rectification of top- and clear coat applications. Microstar has a special stearate layer and a smooth film backing. This product has a high quality finish and lasts longer as it does not clog as easily as traditional products. Microstar produces a fine scratch pattern that is easy to polish out. Suitable for dry sanding, especially sanding of harder high gloss paints and lacquers prior to polishing.

Technical specification

Grain	Aluminium oxide
Bonding	Low VOC resin system
Backing	Polyester film
Coating	Semi-open
Colour	White
Grit range	P800–P1500



POLARSTAR®

For hard surfaces, Polarstar is the preferred product. The polyester film backing material gives Polarstar a more flexible and much smoother abrasive surface, compared to conventional paper backed abrasives. This allows it to quickly produce a fine, consistent surface finish and the stearate coating ensures superb durability due to an excellent resistance to clogging. It is also manufactured using an environmentally friendly, solvent-free coating. Suitable for wet and dry sanding, especially sanding of harder high gloss paints and lacquers prior to polishing.

Technical specification

Grain	Aluminium oxide P320 – P600 Silicon carbide P800 – P1500
Bonding	Resin over resin
Backing	Polyester film
Coating	Semi-open
Colour	Green / white
Grit range	P320–P1500



ABRALON®

Abralon® is a unique multifunctional patented sanding material developed for the flexible sanding of both smooth and profiled surfaces. Abralon® creates a smooth sanding pattern on angled surfaces and edges, while minimising the risk of pressure marks. The flexible weave allows water and air to pass freely, making the product suitable for both dry and wet sanding, either by machine or hand. Abralon® is also suitable for the finishing and pre-polishing of lacquers and top coats.

Technical specification

Grain	Silicon carbide
Bonding	Special resin
Backing	Knitted fabric on foam
Coating	Special ABRALON® method
Colour	Grey
Grit range	180, 360, 500, 600, 1000, 2000, 3000, 4000

Polarshine® Polishing Compounds

POLARSHINE® 35

Polarshine 35 is suitable for polishing of scratches after sanding with belts from P 1000 and finer or discs P 800. Use in combination with Twisted wool pad.



POLARSHINE® 10

Polarshine 10 is the ultimate single compound system. Removes sanding marks after sanding with Abralon 3000. Use 10 in combination with Natural lamb's wool in step 1 and with Orange dotted foam pad in Step 2.



POLARSHINE® 8

Polarshine 8 is a new single compound system. Removes sanding marks after sanding with Abralon 3000. It can also be used as a second polishing step for hologram removal or achieving extreme high gloss. Use Polarshine 8 in combination with Natural lamb's wool pad in step 1 and with Orange dotted foam pad in step 2.



Polishing Pads



TWISTED WOOL PAD

Code	Type	Size
7990185111	Twisted Wool pad	7,5" 180 mm
7990155111	Twisted Wool pad	6" 150 mm

- For coarse polishing and fast cutting.
- Integrated plastic backing with "hook & loop".
- Soft edges for easy polishing also on hard-to-reach areas.
- Long lasting and washable.



MIRKA LAMB'S WOOL PRO

Code	Type	Size
7991500211	Lamb's Wool Pro	6" 150 mm
7991800211	Lamb's Wool Pro	7,5" 180 mm

- For medium coarse polishing.
- Ideal for demanding surfaces.
- Suitable for dry use.
- The soft lamb's wool minimizes swirl marks.
- Easy grip fastening.
- Washable.
- The best choice for a perfect finish.



MIRKA YELLOW WAFFLE PAD

Code	Type	Size
7993415021	Yellow Waffle pad	6" 150 mm

- A medium density pad.
- For fast and cool swirl free polishing.
- For hologram removal.
- Easy grip fastening.
- Washable.

Backing Pads / Polisher



BACKING PAD

Code	Type	Size
8297902011	Backing pad	5,5" 135 mm
8298402011	Backing pad	6,5" 165 mm

- For 150 mm (6") and 180 mm (7,5")
Natural lamb's wool pad.
- Soft.
- Grip fastening.
- M14 thread.



MIRKA® POLISHER PS1437 150 MM

Technical specification

Electrical

High torque motor

1400 W

1100–3700 rpm

Max. pad size is 160 mm

M14 thread

Spindle lock for easy pad changes

4 m power cord

1,9 kg

Includes a bail handle and a side handle

Pad not included

Stepless switch and preselection of rotational speed in order to achieve optimal speed.

Sound level LPA is 84 dB(A)

24 months warranty

Code

8991300111

Polishing process for high gloss paints and lacquers

Single Compound Polishing Process – Polarshine® 10

Defect Removal		Compounding		Polishing/Finishing	
1	2	1	1	1	2
To remove defects, sand with Microstar® P1200.		To reduce scratches, sand with Abralon® P3000.		For compounding use Polarshine® 10 polishing compound together with a Lamb's wool pro and White Soft backing pad.	

- Use Microstar for soft fresh paint
- Use Polarstar for extremely hard paints

Note: For best result, use the right combination with compound/pad and Soft edge backing pad

Wipe and do final cleaning with Mirka soft micro fiber cloth.



2 Compound Polishing Process – Polarshine® 35 + 10

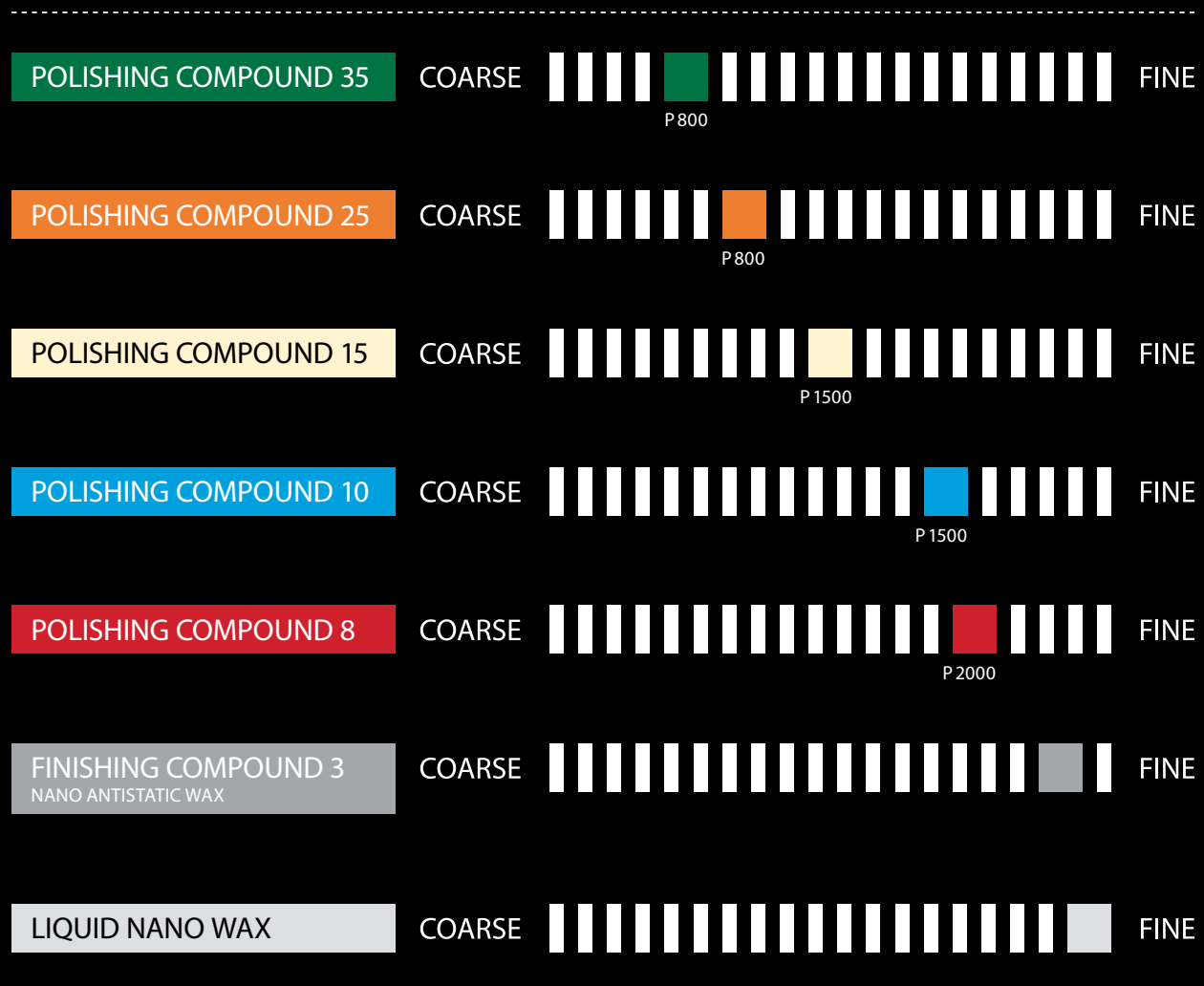
Defect Removal		Compounding		Polishing		Finishing	
1	1	1	1	1	1	1	1
To remove defects, sand with Microstar® P1200.		For compounding use Polarshine® 35 polishing compound together with Twisted Wool pad.		Finish up with Polarshine® 10 together with Yellow waffle pad.		Wipe and do final cleaning with Mirka soft micro fiber cloth.	

- Use Microstar for soft fresh paint
- Use Polarstar for extremely hard paints

Polarshine[®]

Compound grade scale

Mirka has an extensive range of polishing compounds. For wood applications we recommend the following compounds: Polarshine[®] 35, 10 and 8.



MIRKA



KWH MIRKA LTD
Finland

Brazil Mirka Brasil Ltda.

Canada Mirka Abrasives Canada Inc.

China Mirka Trading Shanghai Co., Ltd

Finland & Baltics KWH Mirka Ltd

France Mirka Abrasifs s.a.r.l.

Germany Mirka Schleifmittel GmbH

India Mirka India Pvt Ltd

Italy Mirka Italia s.r.l.

Mexico KWH Mirka Mexicana, S.A. de C.V.

Russia Mirka Rus LLC

Singapore Mirka Asia Pacific Pte Ltd

Spain KWH Mirka Ibérica S.A.U.

Sweden Mirka Scandinavia AB

Turkey Mirka Turkey Zimpara Ltd Şirketi

United Kingdom Mirka (UK) Ltd

USA Mirka Abrasives, Inc

For contact information,
please visit www.mirka.com

Quality from start to finish

