

MIRKA

Polishing Solutions



for Marine Industry



The Magic of Polarshine

In Northern Europe a strange light phenomenon can occasionally be seen in the sky at night. Sometimes it is seen as sweeping beams of light, sometimes as glowing arches. Often it appears as huge curtains of light sweeping eerily across the sky. It changes colour and shines. Creates a beautiful display that will fascinate and spellbind.

KWH Mirka Ltd produces abrasives for different applications as well as complete sanding systems for demanding conditions. We also market accessories suitable for our basic product range, for example polishing compounds, machines, vacuum equipment, sanding blocks and various other sanding accessories. Mirka is a specialist in flexible abrasives and abrasives that allow for dust-free surface finishing processes. The company has become a forerunner in this specialist area by placing a strong emphasis on product development. This development has been backed up by an effective production system and many decades of experience.

Mirka is the first company in its sector to obtain the three most important quality standards. We strive to guarantee reliable quality by following the ISO 9001 quality assurance system. The OHSAS 18001 occupational health and safety management system ensures a high level of work safety. The ISO 14001 environmental management system proves that we consider the environment in all our activities.

Mirka is a global company. More than 90% of Mirka products are exported and sold all over the world. Mirka's marketing companies are located in the United Kingdom, Germany, the United States of America, Sweden, France, Italy, Spain and Mexico. Mirka also has a branch office in Singapore and a representative office in Shanghai, China.

KWH Mirka Ltd is a part of the KWH Group, which also includes KWH Pipe, a manufacturer of plastic pipes; KWH Plast, a manufacturer of plastic foil; KWH Logistics, a specialist in cold storage and transports; and KWH Invest, a manufacturer of products to the heating, plumbing and packaging sector (Prevex).



CONTENTS

Polarshine M25	4
Polarshine M10	5
Polarshine UF3	6
Polarshine Lwax	7
Polishing pads	8
Backing pads	9
Polishing guidelines	10
Compound grades	10
Type of polishing pads	10

Polarshine M25



Code	Product	Size
7992712511	Polarshine M25	2,5L

Polarshine M25 is a compound for polishing of gel coat. It is suitable for polishing and removal of sanding marks from P800 and finer after sanding with Mirka's unique products Abranet®, Abranet® Soft, Royal Micro, Q.Silver Micro, Abralon® and Waterproof.

- For removal of sanding marks from P800 and finer.
- Machine application.

Recommended use:

For best result when polishing sanding marks from P1000 a three step application is recommended. **Step 1:** Start to polish using the twisted wool pad.



Step 2: Switch to the natural lamb's wool pad and continue polishing.

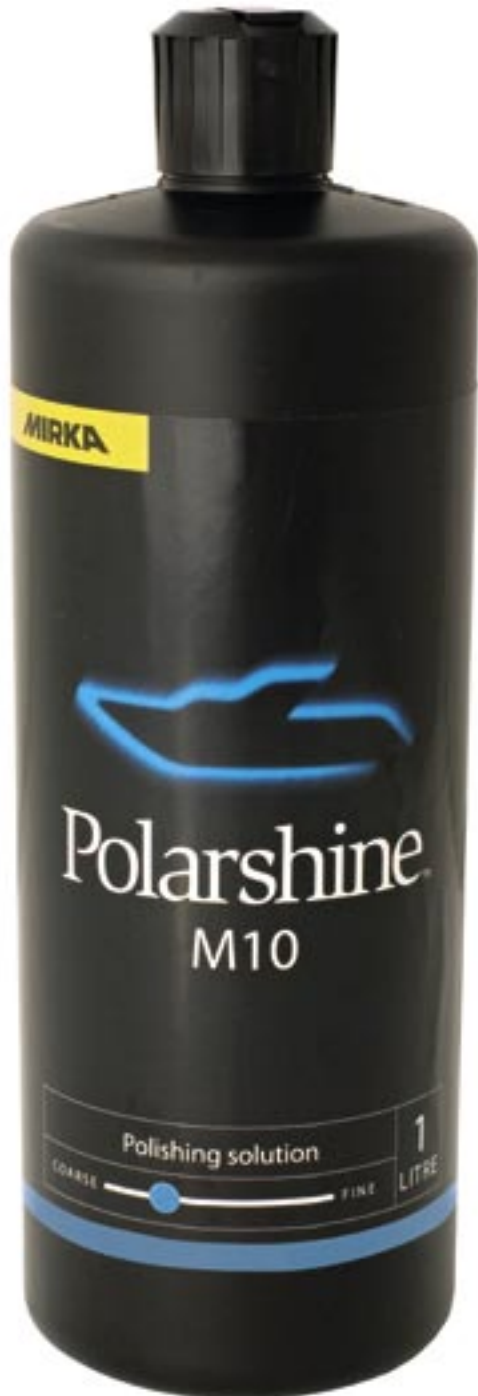


Step 3: As a final step, polish with the black flat or dotted foam pad.



If the compound tends to dry while polishing, add some water to the surface to keep it damp. When polishing sanding marks from P1500 and finer, follow steps two and three. For sealing the polished surface, use Polarshine UF3 or Polarshine Lwax.

Polarshine M10



Code	Product	Size
7992731011	Polarshine M10	1L

Polarshine M10 is suited for removal of swirl marks and holograms on gel coat surfaces after compounding with Polarshine M25. Polarshine M10 is also suitable for removing sanding scratches from P1500 and finer on marine paint systems. Polarshine M10 removes scratches without filling and leaves a high gloss finish.

- For removal of swirl marks and holograms.
- For removal of sanding scratches.
- Silicone free.
- Machine application.

Recommended use:

When removing swirl marks and holograms use the black dotted foam pad.



When removing sanding scratches use the natural lamb's wool pad.



Polarshine UF3



Code	Product	Size
7992660311	Polarshine UF3	1L

Ultra fine polish is suitable for protecting the achieved high gloss finish on both original paintwork and repainted surfaces.

- For buffing and sealing of surfaces.
- For hologram removal.
- Contains carnauba wax.
- Ideal on dark colours.
- Leaves a long lasting high gloss shine.
- Machine or hand application.

Recommended use:

Use as a final polishing step for protecting all paintworks. Use a black flat or



dotted pad when polishing with UF3 compound.



For rapid and easy hologram removal an orbital polishing machine is recommended.

Polarshine Lwax



Code	Product	Size
7992720111	Polarshine Lwax	1L

Polarshine Lwax is a liquid wax designed for quick and easy sealing of polished surfaces.

- Provides a high gloss finish.
- Protects the surface.
- Hand or machine application.

Recommended use:

Spray the wax on to the surface. Wipe the surface dry with the micro fiber cloth until final gloss is achieved.



Alternatively Polarshine Lwax can be applied by machine; if machine polishing, use the black soft foam pad.



Polishing pads

Twisted wool pad

Code	Type	Size
7990185111	Twisted Wool Pad	7,5" 180 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.



Natural lamb's wool pad

Code	Type	Size
7990080111	Natural Wool	3" 77 mm
7990150111	Natural Wool	6" 150 mm
7990180111	Natural Wool	7,5" 180 mm

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



White flat foam pad

Code	Type	Size
7993000111	White Pad	6" 150 mm

- For aggressive polishing.
- A high density fine texture pad.
- Suitable for most polishing systems.
- Easy grip fastening.
- Washable.



Orange flat foam pad

Code	Type	Size
7992803011	Orange Pad	3" 77 mm
7993205011	Orange Pad	6" 150 mm

- For less aggressive polishing.
- A medium density pad.
- Especially designed for medium coarse polishing.
- Easy grip attachment and removal.
- Suitable for most paintworks.
- Washable.



Orange dotted foam pad

Code	Type	Size
7992802011	Orange Dotted Pad	3" 77 mm
7993201011	Orange Dotted Pad	6" 150 mm

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



Black flat foam pad

Code	Type	Size
7993100111	Black Pad	6" 150 mm
7993103511	Black Pad	7,5" 180 mm

- For fine polishing.
- For high gloss finish.
- Suitable for most polishing systems.
- Easy grip fastening.
- Brings any finish to life.
- Washable.



Black dotted foam pad

Code	Type	Size
7992801011	Black Dotted Pad	3" 77 mm
7993102011	Black Dotted Pad	6" 150 mm

- For hologram removal.
- For high gloss finish.
- Suitable for most polishing systems.
- Easy grip fastening.
- Brings out the shine also on difficult dark colors.
- Washable.



Micro fiber cloth

Code	Type	Size
7991000111	Micro fiber cloth	330 x 330 mm

- For achieving final high gloss when sealing by hand.
- For removing excess polish from the surface.
- Soft and smooth in use thanks to the micro fibers.
- Washable.
- Packed 2 pcs/bag.



Backing pads

Code	Product	Size
8298800111	Backing pad	7" 175 mm

- For 180 mm (7,5") twisted wool pad and foam pads.
- Grip fastening.
- M14 thread.



Code	Product	Size
8297801011	Backing pad	5" 125 mm

- For 150 mm (6") natural lamb's wool pad.
- Soft.
- Grip fastening.
- M14 thread.



Code	Product	Size
8297800111	Backing pad	5" 125 mm

- For 150 mm (6") flat or dotted foam pads.
- Hard.
- Grip fastening.
- M14 thread.



Code	Product	Size
8297301011	Backing pad	3" 77 mm

- For 77 mm (3") natural lamb's wool pad.
- Soft.
- Grip fastening.
- M14 thread.



Code	Product	Size
8297300111	Backing pad	3" 77 mm

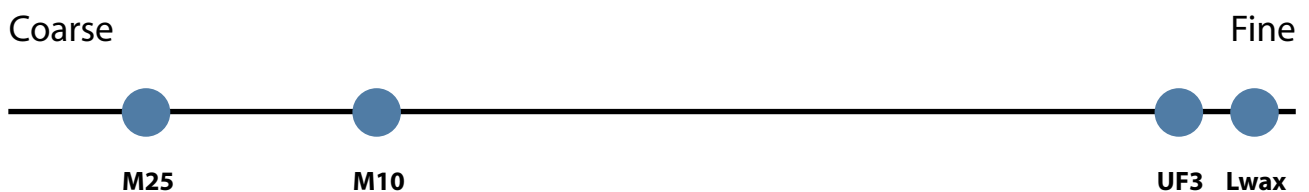
- For 77 mm (3") flat or dotted foam pads.
- Hard.
- Grip fastening.
- M14 thread.



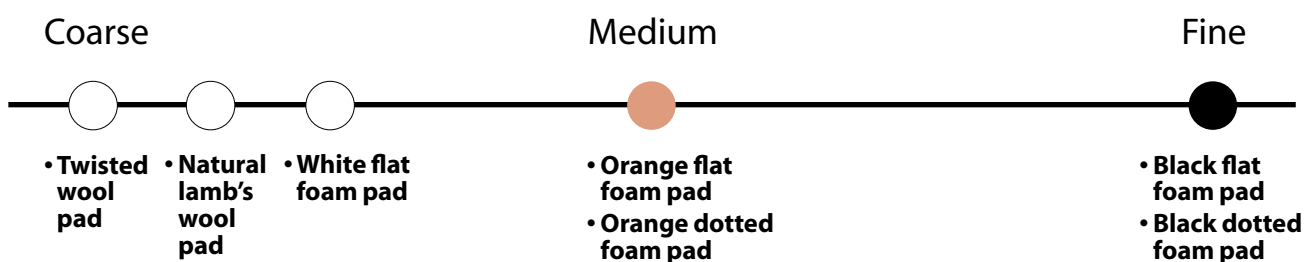
Polishing guidelines

- Use recommended pad and compound combination for best result.
- Spread compound on a smaller surface before polishing.
- Keep the pads clean, a dirty pad will cause scratches.
- To optimize the lifetime of the pads clean regularly with water.
- Keep the compound from drying while polishing; dry compound can burn the surface.
- Recommended polishing speed 1200-2000 rpm.
- Let the polish and the weight of the buffer do most of the work.
- To avoid overheating and to achieve an even finish, keep the buffer in motion.
- Water can be used as a cooler and lubricator during the polishing process.

Compound grades



Type of polishing pads



**KWH Mirka Ltd**

FIN-66850 JEPPO
Finland
Tel: +358-20-760 2111
sales@mirka.com

Mirka Abrasives, Inc.

7950 Bavaria Road
Twinsburg, Ohio 44087
USA
Tel. +1-330-963-6421

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

Boulevard Atlixcayotl No.5506
Piso 5
Entre Kepler y Avenida del Sol
Reserva Territorial Atlixcayotl
Puebla, Puebla, C.P. 72190
Mexico
Tel. +52 551 953 2019

Mirka Slipmaterial AB

Blekegatan 4
S-65221 Karlstad
Sweden
Tel. + 46-54-690950
sales.se@mirka.com

Mirka Abrasives Ltd

Unit 7
Holdom Avenue, Bletchley
Milton Keynes MK1 1QU
Great Britain
Tel. +44-1908-375533
sales.uk@mirka.com

Mirka Abrasifs s.a.r.l.

Immeuble Atria
2, Allée Bienvenue
F-93885 Noisy le Grand Cedex
France
Tel. +33-1-4305 4800
ventes.fr@mirka.com

Mirka Schleifmittel GmbH

Niederhöchstädter Str. 71-73
D-61476 Kronberg Ts.
Germany
Tel. +49-6173-93450
info@mirka.de

Mirka Italia s.r.l

Via Toscana, 20
62014 Corridonia-Macerata
Italy
Tel. +39-0733-2075
info@mirkaitalia.com

KWH Mirka Iberica, S.A.

Industria 40-42
08740 Sant Andreu de la
Barca (Barcelona)
Spain
Tel. + 34 93 682 09 62

KWH Mirka Ltd

Branch Office
10 Anson Road
#28-05A International Plaza
Singapore 079903
Tel. +65-6733 5422
sales.sg@mirka.com

www.mirka.com

KWH Mirka Ltd.

(Shanghai Representative Office)
Suite 1906A, Shenergy International
Building
1 Fuxing Rd(M), Shanghai 200021
China
Tel: +86-21-6391 9371
sales.cn@mirka.com



Quality from start to finish