

Surface finishing





KWH Mirka Ltd manufactures and sells coated abrasives for demanding conditions. 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 in more than 80 countries around the world. The seven marketing companies associated with Mirka are located in the United Kingdom, Germany, the United States of America, Sweden, France, Italy and Spain. Our export office in Singapore is working on the growing Asian market.

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 company involved both in the heating, plumbing and air conditioning sector and the packaging sector (Prevex).

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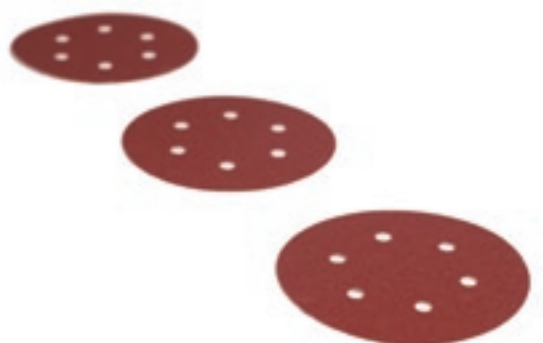
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COARSE CUT

- A very strong product for grinding all kinds of surfaces, especially suited for glass fibre reinforced polyester.
- Unique, reinforced paper provides extreme edge wear resistance.
- Can replace fibre discs in many applications.
- Semi-open coating minimizes clogging.
- "Progressive Bond" resin bonding guarantees good flexibility and long life.

Technical specification

Grain	Aluminium oxide
Bonding	Resin over resin, Progressive Bond™
Backing	Specially reinforced F-paper
Coating	Semi-open
Colour	Maroon
Grit range	P 36 – 40, P 60 – 150

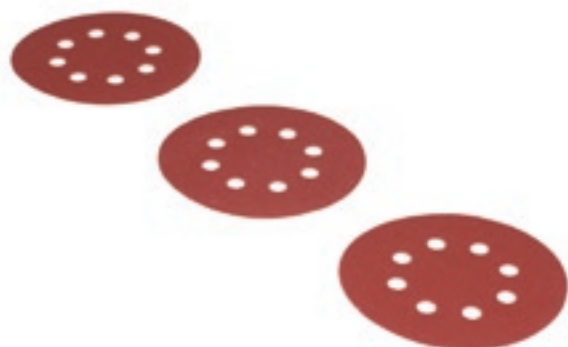


DEFLEX

- An all-round, durable, long-lasting sanding material.
- With this product you can work with both hardwoods like beech and oak, as well as metal, plastic, lacquer and composite materials.
- The latex impregnated paper makes sanding smooth and flexible even on curved surfaces.

Technical specification

Grain	Aluminium oxide
Bonding	Resin over resin
Backing	D-paper
Coating	Semi open
Colour	Maroon
Grit range	P 40-400



GOLD



- An allround product for sanding gelcoat, SMC (= Sheet moulding compound: a combination of chopped glass and filled polyester resin), glass fibre reinforced plastics, paints and lacquers.
- Gold has a full resin bonding system on strong and flexible latex paper.
- The semi-open coating combined with special stearate prevents clogging.

Technical specification



Grain	Aluminium oxide
Bonding	Resin over resin, Progressive Bond™
Backing	P 80 – 150 D-weight latex paper, P 180 – 500 C-weight latex paper
Coating	Semi-open
Colour	Gold
Grit range	P 80 – 500
Special coating	Calcium stearate

Q. SILVER



- Optimal aggressivity to achieve fast and efficient stock removal.
- Possesses high heat endurance.
- Q. Silver is a fully resin bonded product.
- The performance in sanding of composites is extremely good.

Technical specification



Grain	Aluminium oxide
Bonding	Resin over resin
Backing	P80 – P150 D-Paper, P180 – P500 C-Paper, P 600 – P 1500 B-Paper
Coating	Semi-open
Colour	Blueish
Grit range	P 80 – 320, P 400 – 500, P 600 – 1500

GOLDFLEX-SOFT



- Goldflex-Soft sheets have been developed for hand sanding of contours and irregular hard-to-reach body details.
- The special foam backing provides a good handgrip and an even levelling pressure, thus reducing the risk of cutting through the paint.
- The stearate coating makes Goldflex-Soft highly resistant to clogging.
- Can be used both dry and wet.

Technical specification

Grain	Aluminium oxide
Bonding	Resin over resin
Backing	A-weight latex paper, PE-foam
Coating	Closed
Colour	Gold
Grit range	P 150-320, P 400-500

ROYAL PLUS



- Removal of old paint.
- Sanding of putty.
- Progressive Bond™ gives high aggressivity.
- Zinc stearate prevents clogging.

Technical specification

Grain	Aluminium oxide
Bonding	Resin over resin, Progressive Bond™
Backing	P 80-150 D-weight paper, P 180 C-weight paper
Coating	Semi open
Colour	Natural yellow
Grit range	P 80-180
Special coating	Zinc stearate

ROYAL



- For sanding of soft primers and lacquers.
- Ideal for use on waterbased paints.
- Flexible latex paper combined with Mirka's "Progressive Bond" resin bonding provides flexibility and long life.
- Ideal for sanding surfaces and contours demanding smooth and high class surface finish.

Technical specification

Grain	Aluminium oxide
Bonding	Resin over resin, Progressive Bond™
Backing	P 220 – 320, P 400 – 600 B-weight paper
Coating	Semi-open
Colour	Natural yellow
Grit range	P 220 – 320, P 400 – 600
Special coating	Zinc stearate

ROYAL MICRO



- An excellent product for fine finishing of delicate surfaces and rectification of paint defects on gelcoat, SMC parts, glass fibre reinforced plastics etc.
- Unique stearate coating gives high resistance to clogging and build-ups (pills).
- Used in conjunction with Abralon 4000 sanding and polishing work is reduced to a minimum.
- Gives a smooth and high class finish.

Technical specification

Grain	Aluminium oxide
Bonding	Resin over resin
Backing	P 600 – 1500 B-weight latex paper
Coating	Closed
Colour	Natural yellow
Grit range	P 600 – 1500
Special coating	Zinc stearate

ABRANET™



- Abranet™ is an innovative abrasive that reduces dust from the sanding process entering the atmosphere to practically nothing.
- It has been developed for sanding of fillers, primers, topcoats and clear coats and is also ideal for sanding of composite.
- The secret behind Abranet™ is a sanding disc or strip with thousands of small holes.
- Abranet™ offers major benefits such as dust-free sanding, better work environment, greater efficiency and less environmental impact.

Technical specification

Grain	Aluminium oxide
Bonding	Resin over resin
Backing	Polyamide fabric
Coating	Closed
Colour	Brown
Grit range	P 80, P 100, P 120, P 150, P 180, P 240, P 320, P 360, P 400, P 500, P 600, P 800, P 1000

ABRALON®

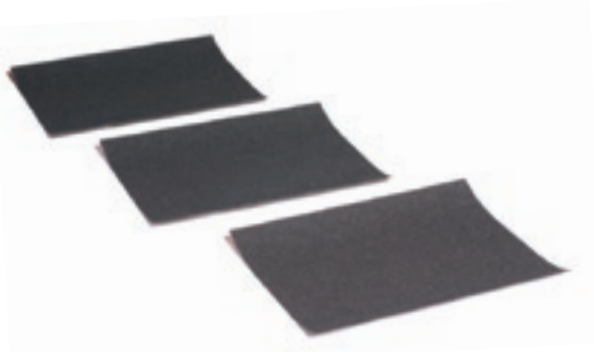


- A unique product for fine finishing and prepolishing gelcoat, SMC, glass fibre reinforced plastics (GRP), lacquers etc.
- Ideal for sanding contoured surfaces and moulds, for marine industry etc., especially in combination with the Mirka Interface pad.
- For high quality surface finishing demands.
- Reduces working time when finishing and polishing.
- For dry and damp machine or hand sanding.
- Abrasive fabric allows free flow of water and air and the sanding dust is removed efficiently, which gives Abralon long life.
- Patented design.

Technical specification

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

ECOWET

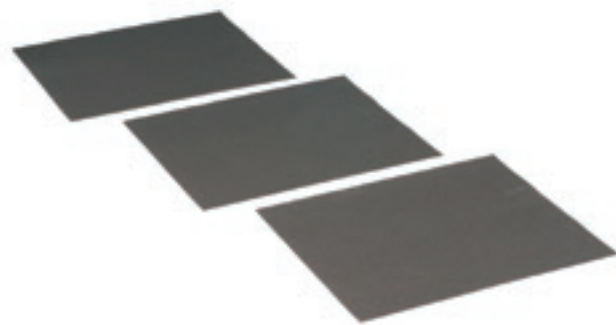


- An ideal abrasive paper for wet hand sanding.
- The backing consists of a very flexible, impregnated paper.
- Silicon carbide in the finer grits guarantees a fine scratch pattern.
- Aluminium oxide in the coarser grit range supports an effective stock removal and provides a long life.
- Good grain adherence and high water resistance.

Technical specification

Grain	Silicon barbide / Aluminium oxide
Bonding	Resin over resin
Backing	B-Paper
Coating	Closed
Colour	Black
Grit range	P 80 - 2500

WPF



- A wet sanding paper for hand sanding of plastics, lacquers and composites.
- Backing is a flexible impregnated latex paper.
- Silicon carbide grain in the fine grit range provides a high quality surface finish.

Technical specification

Grain	P 80-360 aluminium oxide, P 400-2000 silicon carbide
Bonding	Resin over resin
Backing	P 80-120 C-weight paper, P 150-2000 B-weight paper
Coating	Closed
Colour	Black
Grit range	P 80-2000
Jumbo width	1420 mm
Max. net width	1390 mm

MIRLON



- A polyamide fibre product specially designed for preparing surfaces prior to application of finishing coat.
- Due to three-dimensional construction and high flexibility, the Mirlon product is ideal to use on contoured surfaces and it is also easy to sand areas difficult to reach.
- Can be used both dry and wet.

Technical specification

Grain	Aluminium oxide (GP, VF), silicon carbide (UF, MF)
Bonding	Phenolic resin
Colour	Green (GP), Red (VF), Dark grey (UF), Grey (MF)
Grit range	General Purpose P 320, Very Fine P 360, Ultra Fine P 1500, Micro Fine P 2000

KWH Mirka Ltd

FIN-66850 JEPPÖ
Finland
Tel: +358-6-760 2111
sales@mirka.com

Mirka Abrasives, Inc.

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

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. 73
D-61476 Kronberg/TS
Germany
Tel. +49-6173-93450
info@mirka.de

Mirka Italia s.r.l.

Via Umbria, Loc. Colbuccaro
I-62014 Corridonia (MC)
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

www.mirka.com



Quality from start to finish