

# Award Winning

i n n o v a t i o n s

KWH Mirka 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.

Mirka's innovative products were recognized in the woodworking industry by Abralon's winning of the IWF Challengers Award®, and Abranet's winning of the AWFS Sequoia Award.

The Challengers Award®, known throughout the world as the woodworking industry's highest honor, recognizes advancements in technology or significant contributions to environmental improvement; and focuses on companies who have distinguished themselves by developing innovative technology in products, services, or manufacturing techniques.

The Sequoia Awards recognize AWFS® Fair exhibitors with products and techniques that promote a healthy environment – cleaner air, water or conservation of natural resources. Criteria for judging Sequoia Awards winners include greater utilization of raw materials, conservation of raw materials through harvesting techniques, creation and use of recycled products, reduction in environmental waste, reduction of air and water pollutants, and environmentally friendly manufacturing techniques.

Mirka has become a forerunner in these specialized areas by placing a strong emphasis on product development. This development has been backed-up by an effective production system and many decades of experience.



## Abralon®

*The superior, flexible surface finishing demonstrated by Abralon's patented mesh and foam abrasive technology received The Challengers Award®.*



for Leadership in Environmental Innovation

## Abranet®

*The dust-controlled finishing provided by Abranet's patented woven mesh abrasive technology received an AWFS® Sequoia Award.*





## Fine Surface Finishing

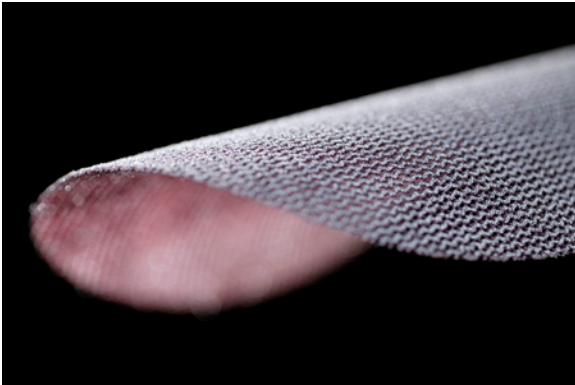
The industry's finest finishing system combines Abranet® and Abralon® – the newest and most innovative abrasive finishing products available.

Abranet is a mesh abrasive with thousands of small holes. The distance from each abrasive grit to the nearest dust collection point is only half a millimeter. This provides efficient dust extraction from the entire surface of the disc. Abranet's innovative design allows the use of portable as well as conventional vacuum systems. The open mesh design provides superior dust removal, without the need to align vacuum holes.

Abranet has a much longer lifetime and retains its original sanding performance much longer than traditional abrasives. This means that sanding can be carried out more quickly and more effectively.

Abralon's unique construction features a mesh fabric coated with closely sized abrasive particles. The mesh is laminated to foam with a brushed cloth backing for easy attachment to hook-faced backup pads. Abralon can be used dry, or lubricated with water or mineral oil for high gloss finish.

Abralon easily conforms to curved and contoured surfaces. It reduces the labor time to obtain a desired finish, increases production and reduces rework.



### Abranet®

- Provides efficient, dust controlled sanding using industry-standard vacuum systems.
- Abranet discs outlast traditional abrasives for greater efficiency.
- Immediate dust removal allows for better sanding.
- Even grain distribution provides more consistent finish and improved surface appearance.
- Extended product life requires less use of materials.
- Dust-controlled sanding provides a better work environment and less environmental impact.



### Abralon®

- Combines benefits of abrasive cloth and non-woven products.
- Abrasive grains are bonded evenly to the fabric face – produces improved finish because of the fine pattern.
- Fabric and foam construction allows water and air to flow freely around the abrasive, away from the work surface.
- Abralon works especially well when sanding curved and contoured surfaces, corners and sharp edges.
- Foam center also provides for even surface pressure that helps eliminate "finger marks" when hand sanding.