



Source: HOMAG

HERMES

WOOD SANDING PROGRAM

Sanding solutions for processing wood, wood-based material
and lacquer in the furniture industry



for an
excellent finish

THE PERFECT MATCH **HERMES PRODUCT PORTFOLIO** **FOR THE INDUSTRIAL** **FURNITURE PRODUCTION**

For the sanding of wood, wood-based materials and lacquers you have high requirements in terms of efficiency, manageability and surface quality.

Our product range offers you a comprehensive, coordinated variety of solutions.



AT HERMES YOUR REQUIREMENTS ARE IN GOOD HANDS!

Each type of wood, each process step has its own requirements for the sanding result. „One for all“ is rarely enough. Different solutions are required to achieve the perfect sanding result for subsequent process steps or the final finish.

With our product portfolio for the processing of wood, wood-based materials and lacquer in industrial furniture production, we present you exactly these solutions - all from one source!

Find out more according to your needs in the following overview. In addition, our experts are available to answer your questions and provide individual solutions.

Test us!

HARDWOOD				
Calibrating Grit range: 40 - 80	BW 115	CERAMIT® CR 116	BW 184	
Fine sanding Grit range: 120 - 240	BW 115	BS 118		
Cross sanding Grit range: 40 - 240	BW 115	BS 118	RB 346 23 MX	
SOFTWOOD				
Calibrating Grit range: 40 - 80	BW 115	BW 114	BW 184	
Fine sanding Grit range: 120 - 240	BW 115	BW 114		
Cross sanding Grit range: 40 - 240	BW 115	BW 114	RB 346 23 MX	
WOOD-BASED MATERIALS (HDF, MDF, OSB)				
Calibrating Grit range: 40 - 80	BW 115	BW 114	BS 118	
Fine sanding Grit range: 120 - 240	BW 115	BS 118		
Cross sanding Grit range: 40 - 240	BW 115	BS 118	RB 346 23 MX	
INTERMEDIATE SANDING LACQUER				
Primer Grit range: 280 - 600	BW 114			
PU Lacquer Grit range: 320 - 400	BS 119-Longlife	BS 118		
Water-based lacquer Grit range: 320 - 400	BS 119-Longlife	BW 114	BS 118	
UV Lacquer Grit range: 320 - 400	BS 119-Longlife	BS 118		
High-Gloss lacquer Grit range: 400 - 2500	BS 119-Longlife	BS 118	FB 637	FC 164-Longlife VEL

HERMES WIDE BELTS

ALUMINIUM OXIDE



BW 115
Price-optimized all-rounder for all types of wood

- Economical sanding
- Very good chip removal
- with low grinding pressure
- Stable and flexible backing

Coating	Backing	Bonding	Grit range	Material	Application
Closed	F-weight paper	Resin, antistatic	P 36, P 40, P 60 - P 320, P 400	Hard- and softwood, wood-based materials (HDF, MDF, OSB)	Calibrating, fine and cross sanding



BW 114
Price/performance type with versatile use

- Very long tool life
- Stable and tear-resistant for use with high sanding pressure

Coating	Backing	Bonding	Grit range	Material	Application
Open	F-weight paper	Resin, antistatic	P 40 - P 800	Softwood, wood-based materials (HDF, MDF, OSB), primer and water-based lacquer	Calibrating, fine and cross sanding as well as lacquer intermediate sanding

SILICON CARBIDE



BS 118
Performance type with high stock removal

- Very fine surface finish thanks to closed coating
- Constant high stock removal
- Tear resistant and stable backing

Coating	Backing	Bonding	Grit range	Material	Application
Closed	Combi / F-weight paper	Resin, antistatic	P 16, P 24, P 36 - P 1200	Hardwood, wood-based materials (HDF, MDF, OSB)	Calibrating, fine and cross sanding



BS 119-LONGLIFE
Engineered for all lacquer types

- High quality surface finish
- Long tool life
- Dust free working
- Flexible handling

Coating	Backing	Bonding	Grit range	Material	Application
Closed	D-weight paper	Resin, Longlife, antistatic	P 240 - P 600	High-gloss, PU, water-based and UV lacquer	Lacquer intermediate sanding

CERAMIC GRAIN



CERAMIT® CR 116
Ceramic grain high-tech type

- Powerful sanding with very high stock removal and best tool life
- Uniform surface quality

Coating	Backing	Bonding	Grit range	Material	Application
Closed	F-weight paper	Resin with additives	+ 60 to + 180, + 240 to + 320, + 400	Hardwood	Calibrating

ZIRCONIA ALUMINA



BW 184
Performance type with zirconia alumina for calibrating

- Extremely stable and tear resistant
- Economical sanding

Coating	Backing	Bonding	Grit range	Material	Application
Semi-open	G-weight paper	Resin	+ 24, + 36, + 40, + 60, + 80	Hard- and softwood	Calibrating

HERMES CROSS BELTS

ALUMINIUM OXIDE



BRILLIANCE FILM FC 164-LONGLIFE VEL

Flexible surface finisher

- Perfect surface quality and extra fine finish thanks to velour-coated backing
- Long tool life with consistent stock removal
- No clogging due to longlife coating

Coating	Backing	Bonding	Grit range	Material	Application
Semi-open	Film, velour-backed	Resin, with additives	P 240, P 320, P 400 - P 2000	High-gloss lacquer	Lacquer intermediate sanding



FB 637

Premium surface finishing

- Excellent surface finish
- Edge stability, high tensile strength
- Long tool life
- Reduces process time

Coating	Backing	Bonding	Grit range	Material	Application
Closed	Film	Resin	P 120, P 180, P 240, P 280, P 360 - P 1500, P 2500, + 4000	High-gloss lacquer	Lacquer intermediate sanding



RB 346 23 MX

Economical all-rounder for cross sanding

- Strong, edge-stable cloth backing
- Excellent tool life and
- shortened processing times

Coating	Backing	Bonding	Grit range	Material	Application
Semi-Open	X-cloth	Resin	P 36 - P 320, P 400	Hard- and softwood, wood-based materials (HDF, MDF, OSB)	Cross sanding

PROCESS OPTIMISATION FOR YOUR BENEFIT

- ? You are looking for support in optimizing or conversion of existing processes?
- ? Are you looking for solutions to further improve your productivity, profitability and quality?
- Then you are in good hands with our experts from the HERMES ABRASIVES INSTITUTE.



Within the scope of our H.A.I. Consultings we combine holistic analyses with modern measurement technology by our experienced consultants directly at your site. This knowledge transfer not only provides you with reliable data and measurement results but also with real competitive advantages.

Benefit from this in terms of

Productivity increase
Process stability

Reduction of grinding costs and material scrap
Optimization of surface quality

Turning theory into outstanding practice!

Within the context of H.A.I. we offer numerous training courses with which you and your colleagues can deepen your know-how on the subject of grinding tools and in the area of grinding processes - always tailored to your individual requirements and questions.

Your contact to the Hermes Abrasives Institute:

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There are still questions open? Contact us.

You will find your contact person on our website hermes-abrasives.com in the section „Contact“.

