

The Complete Sanding Solution

The Hermes wide belt system
for sanding chipboard and fibreboard



Materials

Chipboard



MDF / HDF



OSB



Abrasives

Paper Wide Belts



BS 118

Product description

Type **BS 118**
 Grain Silicon Carbide
 Bonding Resin, antistatic
 Backing F-weight paper
 Coating closed
 Grit range P 16, P 24, P 36 - P 400
 P 600 - P 1200

Form of supply  non-segmented wide belts up to 1,600 mm wide

The benefits for you


- Stable paper backing
- Hard silicon carbide grain guarantees long tool life and perfect finish quality
- Antistatic additives prevent premature clogging with sanding dust
- Hermes overlap joint technology offer mark-free surfaces
- Suitable for fine-sanding MDF and Chipboard



BS 179

Product description

Type **BS 179**
 Grain Silicon Carbide
 Bonding Resin, antistatic
 Backing G-weight paper
 Coating closed
 Grit range P 60 - P 180

Form of supply  segmented wide belts up to 3,300 mm wide

The benefits for you

- Very stable, strong paper backing
- Hard silicon carbide grain guarantees long tool life and perfect finish quality
- Antistatic additives prevent premature clogging with sanding dust
- Hermes overlap joint technology offer mark-free surfaces
- Suitable for fine-sanding MDF and Chipboard

Cloth Wide Belts



RB 374 Z

Product description

Type **RB 374 Z**
 Grain Silicon Carbide
 Bonding Resin, antistatic
 Backing Z polyester cloth
 Coating closed
 Grit range + 36 to + 150

Form of supply  non-segmented wide belts up to 1,620 mm wide

The benefits for you

- Highly tear-resistant polyester cloth backing for high sanding pressures
- Hard silicon carbide grain guarantees long tool life and perfect finish quality
- Antistatic additives prevent premature clogging with sanding dust
- Optimized joint technology for mark-free sanding
- Suitable for sanding MDF and Chipboard



RB 374 90 ZZ

Product description

Type **RB 374 90 ZZ**
 Grain Silicon Carbide
 Bonding Resin, antistatic
 Backing ZZ polyester cloth
 Coating semi-open
 Grit range P 24, P 36 - P 180

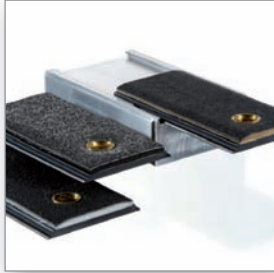
Form of supply  segmented wide belts up to 3,300 mm wide

The benefits for you

- Low-stretch, highly tear-resistant polyester cloth backing for high sanding pressures
- Hard silicon carbide grain guarantees long tool life and perfect finish quality
- Antistatic additives and semi-open coating prevent premature clogging with sanding dust
- Suitable for sanding MDF and Chipboard

Accessories

Hermes Pad System






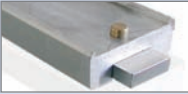
The Hermes pad system was developed for long-lasting, secure support of sanding belts on combination units and contact bar stations. This system allows up to 5 times longer tool life to be achieved with a constantly high surface quality compared to conventionally covered contact bars.

The simple change involving the latch (patent applied for) increases productivity and safety during intermediate and fine sanding. The push-button latch does not prevent potential extension of the contact elements. Static electricity, which can build up during any sanding process, is safely discharged.

The contact elements are supplied with a tolerance of just a few hundredths of a millimetre. This also increases dimensional accuracy in intermediate sanding compared to conventional contact bar covers.






The patented fibre webs directly coated with graphite guarantee the wear layer a long life and avoid the risk of delamination in the adhesive layer.

The following variants are available for all sanding machine systems (Bison/Kvaerner, Imeas, Steinemann):

Type	Width / Contact width [mm]	Hardness / Colour	Material	Application
 Contact element HD	83 / 55	hard / beige	Heat-stable, moisture-resistant fibre web, beige	Intermediate sanding, HDF and chipboard
 Contact element MD	83 / 55	medium / white	Heat-stable, moisture-resistant fibre web, white	Intermediate and final sanding MDF, HDF and chipboard
 Contact element LD	83 / 55	soft / black	Heat-stable PUR foam, black	Final sanding, MDF and chipboard
 Contact bar	100	–	Aluminium	Locator for Hermes pad contact elements

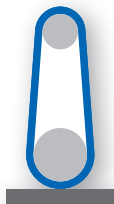
Available lengths on request.

Contact bar accessories

Type	Widths [mm]	Lengths [m]	Characteristic	Application
 Pad Cover GL 580	150, 185, 200	30, 50	Granular construction	High load
 Pad Cover GL 581	150, 160, 180, 185, 200	30, 50	Flake construction	Normal load
 Pad, latex felt	40, 70	30	Hard	Intermediate sanding, HDF and chipboard
 Pad, felt	40, 70, 100	30	Medium	Intermediate and final sanding MDF, HDF and chipboard
 Pad, polyurethane foam, 5 mm	40, 70, 100	30	Soft	Final sanding, MDF and chipboard

Sanding process

Dimensional sanding using grooved or smooth steel rollers

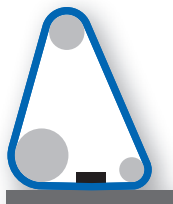


Grit range 24 – 36 – 40 – 50 – 60

Type	Joints		Grit range	Stock removal rate max ... min [mm]
	Description	No.		
BS 118	UBN overlap joint 	1	P 24 - P 40	1.20 ... 0.50
		1	P 40 - P 60	0.50 ... 0.20
RB 374 Z	SG 32 butt joint 	1	+ 36 to + 40	1.50 ... 0.70
		1	+ 40 to + 60	0.70 ... 0.30
RB 374 90 ZZ	SG 59 butt joint 	2 - 3	P 24 - P 40	1.50 ... 0.70
		2 - 3	P 40 - P 60	0.70 ... 0.30

P = FEPA grain standard; + = Hermes grain standard

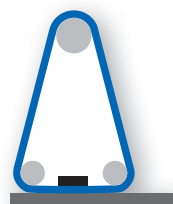
Intermediate and fine sanding on combined units or contact bar stations



Grit range 60 – 80 – 100 – 120 – 150 – 180

Type	Joints		Grit range	Stock removal rate max ... min [mm]
	Description	No.		
BS 118	UBN overlap joint 	1	P 80 - P 120	0.30 ... 0.08
		1	P 120 - P 240	0.08 ... 0.01
RB 374 Z	SG 44 grit-free butt joint 	1	+ 80 to + 100	0.30 ... 0.10
		1	+ 100 to + 180	0.10 ... 0.04
BS 179	UBN overlap joint 	2 - 3	P 80 - P 100	0.30 ... 0.10
		2 - 3	P 100 - P 180	0.10 ... 0.01
RB 374 90 ZZ	SG 56 butt joint 	2 - 3	P 80 - P 100	0.30 ... 0.10
		2 - 3	P 100 - P 180	0.10 ... 0.04

P = FEPA grain standard; + = Hermes grain standard



For more information from Hermes about woodworking:



Hermes Schleifmittel GmbH & Co. KG

Luruper Hauptstrasse 106-122
22547 Hamburg, Germany

Tel. +49 40 83 30-0
Fax +49 40 83 30-230

hsd@hermes-schleifmittel.com
www.hermes-abrasives.com

