

Hermes BW 112

Antistatic Sanding Paper

Product Description

■ Hermes' BW 112 is an F-weight paper backed antistatic product specially designed for use in the woodworking industry. The combination of a high grade white aluminum oxide grain, electrostatically coated in an open coat construction onto a strong F-weight paper backing makes this an excellent tool for coarse, intermediate and finish sanding operations in a wide variety of woodworking applications.

Our special black filler provides a uniform sizecoat, enhancing the non-loading characteristics of BW 112.

The antistatic characteristics of BW 112 provide application benefits which include longer belt life, more consistent surface finishes in batch runs, cooler sanding temperatures and improved dust control in the sanding areas.

BW 112 continues to prove itself time and time again as an obvious alternative to conventional paper belts.

Product benefits

- Longer belt life
- Resists premature loading
- Consistent surface finishes
- Cooler sanding over a longer period
- Improved dust control
- Cleaner and safer work areas

Applications

- Primary sanding
- Intermediate sanding
- Finish sanding



Hermes BW 112

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| Type | BW 112 |
| Code | 11210 |
| Grain | A/O |
| Bonding | Resin, incorporating special antistatic treatments |
| Grit range | P 40 - P 220 |
| Backing | F-weight paper |
| Grain distribution | Open coat |

Delivery forms

Belts

Widths up to 12 1/4" wide
Length depends on the sanding machine

Wide belts

Widths over 12 1/4" to 62" wide
Length depends on the sanding machine

BW 112 and electrostatic phenomena

In wood sanding operations the surface of the coated abrasive belt as well as the surfaces of panels or parts become electrostatically charged. The intensity of charge depends largely on climate and the environment where the sanding takes place. Normal relative humidity is indicated at 45%-55%. From 60% the intensity of electrostatic charge may decline with an optimum

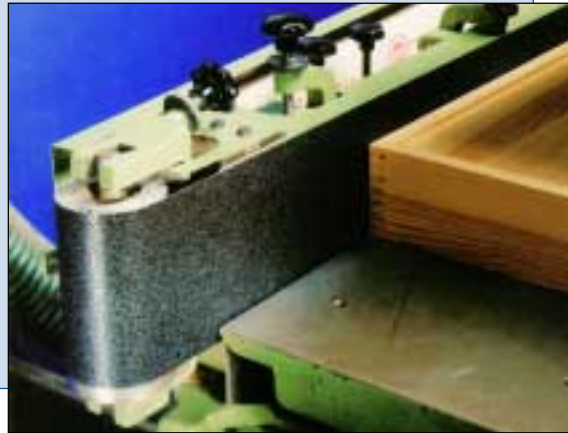
environment at 70%-80% relative humidity. Peak conditions for electrostatic activity will be encountered during winter when the relative humidity may drop to 20% or less in some manufacturing plants. The coated abrasive surface of BW 112 will resist electrostatic charging even under the most severe sanding and environment conditions.

Workpieces

- Cabinet doors and frames
- Moldings
- Hard or soft solid wood components and parts
- Pianos and musical instruments made of wood
- Laminated wood
- Office furniture
- Solid and veneered table tops
- Wood caskets
- Door panels
- Indoor architectural panels and trim

Materials

- Softwoods** Spruce, fir, larch, linden, limba, cottonwood, redwood, cedar and pine.
- Hardwoods** Beech, birch, elder, maple, elm, white ash, hickory, oak, walnut, tropical hardwood.



Sanding machines

Stroke sanders, platen sanders, wide belt sanders, pressure bar sanders and cross belt sanders

Further related paper backed antistatic abrasive papers

| Type | Code | Grain | Backing | Grit range |
|--------|-------|---------------------|--------------------|---------------|
| BW 114 | 11400 | A/O | F-, E-weight paper | P 40 - P 800 |
| CB 115 | 11523 | A/O + Sapphire Blue | F-weight paper | P 80 - P 220 |
| BS 118 | 11800 | S/C | F-weight paper | P 40 - P 1200 |



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