

SELECTING THE RIGHT BRUSH



P PERFORMANCE LINE (INDUSTRIAL GRADE)

Engineered and manufactured to maximize performance and minimize operating costs in the most demanding surface conditioning applications. The use of superior construction, the highest quality materials and the most stringent manufacturing processes deliver the lowest cost-of-use and most consistent performance in heavy production environments.

V VALUE LINE (PROFESSIONAL GRADE)

Weiler's value line is manufactured using similar product construction and the same exacting standards as other Weiler maintenance products, but engineered to provide cost-effective use specifically designed for the professional, providing a cost-effective price. Vortec Pro® maintenance products are an economical choice for the construction trades, low volume production shops and light-duty industrial MRO use.

FILL MATERIALS GUIDE

	Type	Advantages	Applications	Notes
ANIMAL		<ul style="list-style-type: none"> • Very durable and resilient • Naturally flagged tips • Resistant to high temperatures (to 370°F) • Can be blended with other materials • Fine texture 	<ul style="list-style-type: none"> • Fine particles • Ideal for polished and smooth surfaces • Scratch-free sweeping 	<ul style="list-style-type: none"> • Not for use on oily or wet surfaces
NATURAL		<ul style="list-style-type: none"> • Material holds water very well • Heat, alkali and acid resistant (to 283°F) • Soft to medium texture • Good durability 	<ul style="list-style-type: none"> • Polishing, buffing and cleaning • Scrubbing and washing • Ideal for wet and dry applications 	<ul style="list-style-type: none"> • Natural color is off white • Can be dyed or bleached
		<ul style="list-style-type: none"> • Softer and finer texture than Bassine • More economical than Bassine • Medium to coarse texture • Good durability 	<ul style="list-style-type: none"> • Used in garage, scrub, deck and patio brushes • Ideal for wet and dry applications 	<ul style="list-style-type: none"> • Brown in color
		<ul style="list-style-type: none"> • Coarse, tough fibers • Excellent durability 	<ul style="list-style-type: none"> • Heavy scrubbing and cleaning • Tasks requiring a tough, long-lasting natural fiber 	<ul style="list-style-type: none"> • Dark brown in color
		<ul style="list-style-type: none"> • Good flexibility • Very coarse, tough fibers • Excellent durability 	<ul style="list-style-type: none"> • Heavy-duty cleaning applications • Use on rough surfaces 	<ul style="list-style-type: none"> • Dark brown in color
SYNTHETIC		<ul style="list-style-type: none"> • Excellent durability • Resistant to most acids & alkali • High water absorbency • Resistant to high temperatures (to 350°F) • Best man-made fiber to resist fatigue 	<ul style="list-style-type: none"> • Heavy-duty industrial • Scrubbing and cleaning • Wet and dry applications 	<ul style="list-style-type: none"> • May be level or crimped
		<ul style="list-style-type: none"> • Very durable • Acid, oil, bacteria and fungus resistant • Versatile • Resistant to high temperatures (to 225°F) • Will not absorb moisture 	<ul style="list-style-type: none"> • Variety of medium to coarse industrial applications 	<ul style="list-style-type: none"> • May be level or crimped
		<ul style="list-style-type: none"> • Extremely durable • Liquid and oil resistant • Resistant to temperatures (to 180°F) • Ends can be flagged 	<ul style="list-style-type: none"> • Used in vehicle care brushes • Used in fruit and vegetable wash brushes • Wet and dry applications 	<ul style="list-style-type: none"> • May be level or crimped • Not for use with sweeping compounds
		<ul style="list-style-type: none"> • Environmentally-friendly • Less landfill waste 	<ul style="list-style-type: none"> • Fine, Medium & Coarse • For a variety of applications 	<ul style="list-style-type: none"> • Fill made from recycled water bottles

FLOOR BRUSH SELECTION GUIDE

Surface Type	Debris	Recommended Brush
Tile, linoleum, highly polished	Fine dust	Black horsehair
Smooth wood	Fine to medium dirt	Flagged silver polystyrene
Smooth concrete	Fine to medium dirt	Black polypropylene
Uneven or rough floors, heavy traffic areas	Medium to heavy dirt and debris	Black tampico
Rough concrete, asphalt	Heavy, caked dirt, grease, litter	Black tampico - inner row of steel wire or palmyra

FLOOR BRUSH FEATURES

Block: Fill material is set into this part of the sweep.

Synthetic Foam Block:

- Made with a synthetic cellular core surrounded by a solid skin.
- Will not crack, split, warp or house contaminating bacteria.
- Water, solvent and mild acid resistant.
- Lighter weight than hardwood blocks.

Lacquered Hardwood Block:

- Made of natural, kiln-dried hardwood.
- Resists moisture.
- Helps prevent cracking, increasing brush life.

Dense Fill:

- Set into the block and serves as the actual working part of the brush.
- More efficient sweeping.
- Longer brush life.

Reorder Number:

- Shown on block.

Two Handle Holes:

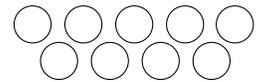
- Allows user to change sweeping direction to prevent the fill material from setting in one direction. Periodically changing sweeping direction increases the life of the brush.

Flagged Tips:

- Each synthetic filament end is mechanically split, forming multiple tips which "pick up" fine dust and dirt particles.
- Horsehair has naturally tapered or flagged tips.

Staggered Hole Pattern:

- Prevents gaps in the fill material so brush sweeps up all the dirt in its path.



Solid Brush Face with Flared Ends:

- The tufts of fill material on each end of a contractor, floor, garage or street brush are flared outward.
- Flared ends allow the brushing material to get into corners without marking or scraping the wall with the block.
- Prevents a gap in the middle of the brush.

FLOOR BRUSH CARE

Storage - Floor brushes should be hung when not in use so no weight is against the fill material. This will help keep the shape and prolong the life of the brush.

Handles - The handle should be periodically re-positioned from one staff hole to the other to prevent fill material from setting in one position. The use of a brace will help prevent handle breakage. Perma-Flex™ (#44301) handles are guaranteed to outlast the life of the brush.

Blocks - Avoid knocking a wood block against the floor to remove embedded material, as this will damage the end of the block.

Cleaning - Synthetic filled brushes can be cleaned with detergent and water. Fiber filled brushes should be combed to remove dirt and other foreign material. Dip coarse natural fiber brushes in water to help prevent breakage due to dry fiber.

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SELECTION GUIDE

Brush Fill	Recommended For	Benefits
China Bristle	All oil based and alkyd paints, stains, varnish urethane & shellac	<ul style="list-style-type: none">• Softest tip for fewest brush marks• Natural fibers hold paint better than synthetics
Polyester/Nylon blend	All paints and coatings	<ul style="list-style-type: none">• Most durable material• Precise tipping• Cleans up easily
Polyester	All paints and coatings	<ul style="list-style-type: none">• Low cost• Does not absorb water

PAINT BRUSH FEATURES

Fill Material:

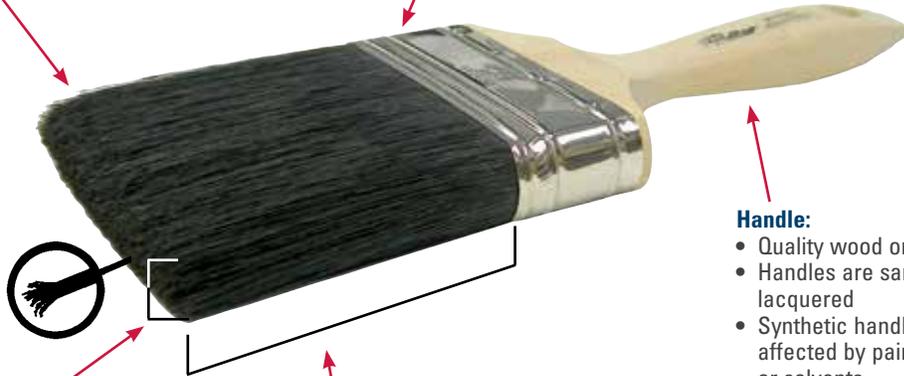
- Natural China Bristle or Tapered Polyester
- Various sizes of fill material are blended together to create the proper taper.

Flagged Ends:

A split at the end of each tapered fiber of fill material. Bristle is naturally tapered with a flagged tip. Polyester fibers are made tapered and then mechanically processed to form a flagged tip. Flagging allows each tip to pick up more paint and spread it more evenly.

Thickness: The thickness of the brush, measured at the ferrule, will determine the quality level of the brush. The thicker the brush, the more paint pick-up and release.

Ferrule: The metal band that holds the fill material and handle together. All Weiler paint and varnish brushes are made with plated metal ferrules that will not rust or corrode.



Handle:

- Quality wood or synthetic
- Handles are sanded and lacquered
- Synthetic handles are not affected by paints, varnishes or solvents.
- Comfortable grip for hours of fatigue-free use.

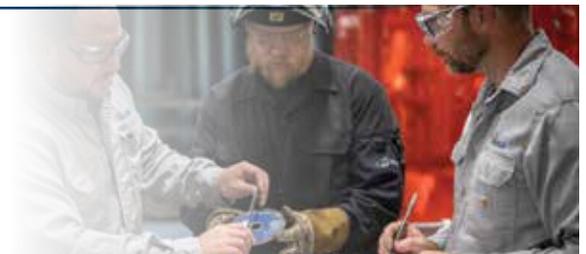
Trim Length: The length of the fill material extending from the ferrule. The longer the trim, the more paint is picked up and released for a quicker, easier job.

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