

## Maintenance Brush Terminology

**Block:** Fill material is set into this part of the floor, garage or street brush.

**Wood Blocks:** Weiler wood blocks are made of natural, kiln-dried hardwood which has been sanded, finished and lacquered.

**Synthetic Foam Blocks:** Weiler foam blocks are made with a synthetic cellular core surrounded by a solid skin. Lighter in weight, these blocks will not crack, split, warp or house contaminating bacteria.

**Fill:** The fill material is set into the block and serves as the actual working part of the brush.

**Flagged Tips:** Each synthetic filament end is mechanically split, forming a tapered tip which "picks up" fine dust and dirt particles. Horsehair has a naturally tapered or flagged tip.

**Flared End Tufts:** The tufts of fill material on each end of a contractor, floor, garage or street brush are flared outward. This design allows closer sweeping to walls, machinery, etc., and helps guard against marking or scraping the wall with the block.

## Floor Brush Features

### Synthetic Foam Block:

- Will not crack, split, warp or house contaminating bacteria.
- Water, solvent and mild acid resistant

### Lacquered Hardwood Block:

- Resists moisture
- Helps prevent cracking, increasing 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.

### Dense Fill:

- Longer brush life
- More efficient sweeping

### Staggered Hole Pattern:

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



### Flagged Tips:

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

### Solid Brush Face with Flared Ends:

- 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.



### Center / Border Fill

- **Center**  
Loosens and moves heavy dirt
- **Border (Casing)**  
Moves fine dust and dirt

## Care of Floor Brushes

**Storage** - Floor brushes should be hung when not in use so no weight is against the fill material. This will help keep the shape of the brush 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. The Perma-Flex™ (#44301) and Big Gripper™ (#44460) handles are guaranteed to outlast the life of the brush.

**Blocks** - Avoid knocking a wood block against the floor to remove imbedded 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.

## Fill Materials Used In Maintenance Brushes




### Animal

Type	Advantages	Applications	Notes
 <p>Horsehair</p>	<ul style="list-style-type: none"> <li>• Very durable and resilient</li> <li>• Naturally flagged tips</li> <li>• Resistant to high temperatures (to 370°F)</li> <li>• Can be blended with other materials</li> <li>• Fine texture</li> </ul>	<ul style="list-style-type: none"> <li>• Fine particles</li> <li>• Ideal for polished and smooth surfaces</li> <li>• Scratch-free sweeping</li> </ul>	<ul style="list-style-type: none"> <li>• Not for use on oily or wet surfaces</li> </ul>

### Natural

Type	Advantages	Applications	Notes
 <p>Tampico</p>	<ul style="list-style-type: none"> <li>• Material holds water very well</li> <li>• Heat, alkali and acid resistant (to 283°F)</li> <li>• Soft to medium texture</li> <li>• Good durability</li> </ul>	<ul style="list-style-type: none"> <li>• Polishing, buffing and cleaning</li> <li>• Scrubbing and washing</li> <li>• Ideal for wet and dry applications</li> </ul>	<ul style="list-style-type: none"> <li>• Natural color is off white</li> <li>• Can be dyed or bleached</li> </ul>
 <p>Palmyra</p>	<ul style="list-style-type: none"> <li>• Softer and finer texture than Bassine</li> <li>• More economical than Bassine</li> <li>• Medium to coarse texture</li> <li>• Good durability</li> </ul>	<ul style="list-style-type: none"> <li>• Used in garage, scrub, deck and patio brushes</li> <li>• Ideal for wet and dry applications</li> </ul>	<ul style="list-style-type: none"> <li>• Brown in color</li> </ul>
 <p>Bassine</p>	<ul style="list-style-type: none"> <li>• Coarse, tough fibers</li> <li>• Excellent durability</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy scrubbing and cleaning</li> <li>• Tasks requiring a tough, long lasting natural fiber</li> </ul>	<ul style="list-style-type: none"> <li>• Dark brown in color</li> </ul>
 <p>Bass</p>	<ul style="list-style-type: none"> <li>• Good flexibility</li> <li>• Very coarse, tough fibers</li> <li>• Excellent durability</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy-duty cleaning applications</li> <li>• Use on rough surfaces</li> </ul>	<ul style="list-style-type: none"> <li>• Dark brown in color</li> </ul>

### Synthetic

Type	Advantages	Applications	Notes
 <p>Nylon</p>	<ul style="list-style-type: none"> <li>• Excellent durability</li> <li>• Resistant to most acids &amp; alkalis</li> <li>• High water absorbency</li> <li>• Resistant to high temperatures (to 350°F)</li> <li>• Best man-made fiber to resist fatigue</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy-duty industrial</li> <li>• Scrubbing and cleaning</li> <li>• Wet and dry applications</li> </ul>	<ul style="list-style-type: none"> <li>• May be level or crimped</li> </ul>
 <p>Polypropylene</p>	<ul style="list-style-type: none"> <li>• Very durable</li> <li>• Acid, oil, bacteria and fungus resistant</li> <li>• Versatile</li> <li>• Resistant to high temperatures (to 225°F)</li> <li>• Will not absorb moisture</li> </ul>	<ul style="list-style-type: none"> <li>• Variety of medium to coarse industrial applications</li> <li>• Wet and dry applications</li> </ul>	<ul style="list-style-type: none"> <li>• May be level or crimped</li> </ul>
 <p>Polystyrene</p>	<ul style="list-style-type: none"> <li>• Extremely durable</li> <li>• Liquid and oil resistant</li> <li>• Resistant to temperatures (to 180°F)</li> <li>• Ends can be flagged</li> </ul>	<ul style="list-style-type: none"> <li>• Used in vehicle care brushes</li> <li>• Used in fruit and vegetable wash brushes</li> <li>• Wet and dry applications</li> </ul>	<ul style="list-style-type: none"> <li>• May be level or crimped</li> <li>• Not for use with sweeping compounds</li> </ul>

## Floor Brush Selection Guide

Surface Type	Debris	Recommended Brush
Tile, linoleum, highly polished	Fine dust	#42001 black horsehair
Smooth wood	Fine to medium dirt	#42041 flagged silver polystyrene
Smooth concrete	Fine to medium dirt	#42035 black polypropylene
Uneven or rough floors, smooth concrete, heavy traffic areas	Medium to heavy dirt and debris	#42007 black tampico
Rough concrete, asphalt	Heavy, caked dirt, grease, litter	#42134 black tampico with inner row of steel wire

## General Information

### Brush Types:

Weiler brushes are designed for industrial use. These quality brushes are made with the finest materials, yet priced to give the lowest cost-per-use.

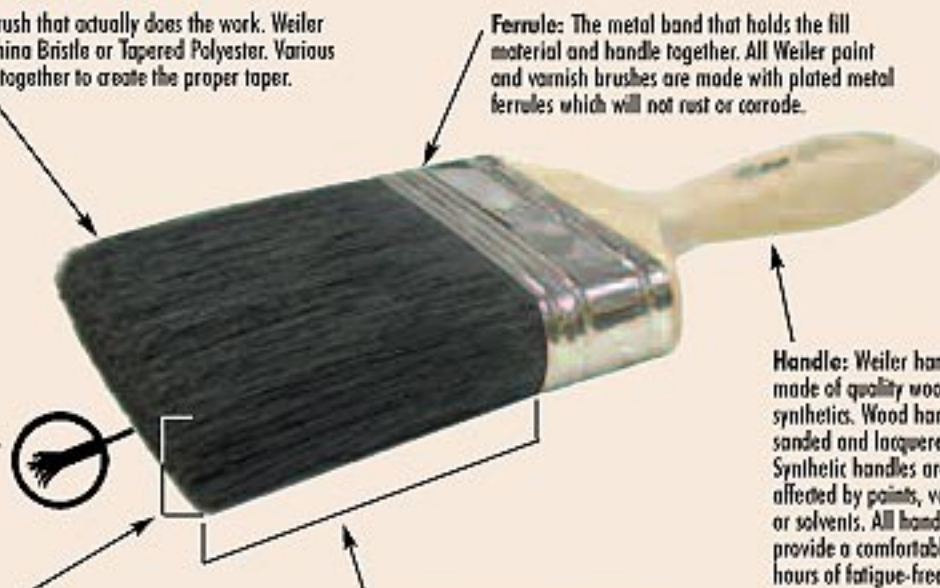
- Wall Paint
- Varnish
- Flat Sash
- Angular Sash
- Oval Sash
- Chip & Oil
- Acid
- Glue
- Stencil
- Parts Cleaning
- Marking
- Round Sash

## Paint Brush Terminology

**Fill Material:** The part of the brush that actually does the work. Weiler brushes are filled with 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.



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

**Handle:** Weiler handles are made of quality wood or synthetic. Wood handles are sanded and lacquered. Synthetic handles are not affected by paints, varnishes or solvents. All handles provide a comfortable grip for hours of fatigue-free use.

**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.

**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.

## Paint & Varnish Brush Selection Guide

The chart below provides information on paint brush fill types to allow you to recommend the correct brush for the job.

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

## Paint & Varnish Brush Care

Brushes Used In	Clean With
<ul style="list-style-type: none"> <li>• Oil base paint</li> <li>• Latex paint</li> <li>• Water base paint</li> <li>• Varnish</li> <li>• Shellac</li> </ul>	<ul style="list-style-type: none"> <li>• Turpentine or mineral spirits</li> <li>• Warm soapy water</li> <li>• Warm soapy water</li> <li>• Turpentine or mineral spirits</li> <li>• Alcohol</li> </ul>

Note: After cleaning, shake out, scrub bristles and hang by handle.

## Special Paint Brushes

The brushes listed in this catalog will cover the major requirements of industry. However, if an application requires another type, size or style of brush, contact your nearest Weiler distributor or Weiler's Application Engineering Team toll-free at 888-299 APPS (2777).