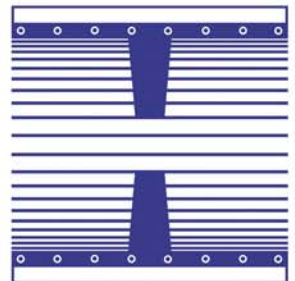


# HAVILAND CORPORATION

PROPAVE a Division of Haviland Corporation



Uncompromised Service Since 1946



## About Us

Since 1946, Haviland Corporation has improved the way our industry cleans. Warren and Van Haviland began manufacturing floor squeegees in a small facility in St. Louis, Missouri. Since that time, the company has grown expedientially. The growth required several moves including a move in 1974 to Linn, Missouri where the manufacturing is done today. The company has also diversified the products manufactured, as well as the industries it serves.

Some things have remained the same; Haviland is still a family owned business that manufactures products in the United States. Haviland strives to use raw materials obtained in the United States in an effort to keep jobs in America.



## Solutions/Innovations

Haviland's product offerings continue to grow due to the ability of Haviland's staff in developing customized solutions for customers across a diverse range of industries. These industries include janitorial, food service, food processing, equipment repair, paving, health care, educational, correctional, marine, and recreational.

Haviland's experience provides us with the ability to produce unique and precise solutions. The problem solving approach is proactive to changes in the industries that Haviland serves, and reactive in response to our customers.



## Quality

Haviland has a strong commitment to continue manufacturing the highest quality products available to the industry. Our reputation is built on it.

## Vision/Mission

Haviland's vision is to develop a strong trusted relationship with our customers based on ethical business practices and delivering on our promises. Our mission is to continue manufacturing Haviland products in the United States, creating jobs and innovations that keep our country strong.

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## HAVILAND CORPORATION

- ♦ *Woman owned business;*
- ♦ *65+ years of uncompromised service and quality;*
- ♦ *Custom built in the U.S.A.;*
- ♦ *Private labeling;*
- ♦ *Satisfaction guaranteed; and*
- ♦ *Centrally located for timely shipping throughout North America.*

**200 S. Hwy U  
PO Box 769  
Linn, MO 65051**

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## Comparative Guide

Haviland Line Numbers	1400 & 2100	2300, 400, 1200, 1000, MPF and MPC	2400 Line	300 & 000 Line	EC & FEC Line	6500 Line
Chemical Name	EPDM	Neoprene	Nitrile	Buna Blend	PVC	Thermal Rubber
<b>Physical Properties</b>						
Dimension	.250"x2"	.250"x2" (400 line is 3 ply x 2")	.250"x2"	.250"x2" (000 Line .219"x2")	Tapered blade	.250"x2"
Durometer	55-60	55-60	55-60	55-60	60-65	45-50
Tensile Strength	Very Good	Very Good	Very Good	Fair	Good	Very Good
Elongation	Good	Good	Good	Good	Fair	Good
Compression Set	Good	Fair to Good	Good	Fair to Good	Fair	Good
Heat Resistance	Very Good	Fair to Good	Good	Poor	Fair to Good	Fair to Good
Resilience or Rebound	Good	Very Good	Fair to Good	Good	Fair	Very Good
Abrasion Resistance	Excellent	Excellent	Excellent	Fair to Good	Good	Excellent
Tear Resistance	Fair to Good	Fair to Good	Fair to Good	Fair	Good	Fair
Flame Resistance	Poor	Good	Poor	Good	Good	Good
Impermeability, Gas	Fair to Good	Fair to Good	Good	Fair	Very Good	Very Good
Weathering Resistance	Excellent	Very Good	Fair to Good	Poor	Good	Excellent
Low Temp Limit	-20' to -60' F	-10' to -50' F	-10' to -30' F	-10' to -30' F	-10' to -13' F	0' to -60' F
High Temp Limit	300' to 350'	225'	250'	250'	158' to 210'	275'
<b>Chemical Resistance Properties</b>						
Acid	Good	Good	Good	Fair	Poor	Very Good
Alcohols	Fair to Good	Very Good	Fair to Good	Excellent	Very Good	Very Good
Aliphatic Hydrocarbon Solvents	Poor	Good	Excellent	Excellent	Very Good	Not Tested
Alkali	Very Good	Excellent	Very Good	Fair	Good	Poor
Animal & Vegetable Oils	Good	Good	Very Good	Fair	Poor	Very Good
Aromatic Hydrocarbon Solvents	Poor	Poor to Fair	Fair to Good	Good	Poor	Fair
Oil & Gasoline	Poor	Fair to Good	Excellent	Excellent	Poor	Poor
Oxygenated Solvents	Very Good	Poor to Fair	Poor	Fair	Good	Good
Water	Excellent	Good	Excellent	Good	Very Good	Excellent
<b>Properties Overview</b>						
Overview	Good ozone, chemical and aging resistance. Resists Animal and vegetable oils and chemicals. Poor resistance to petroleum based fluids.	Good weather resistance. Moderate chemicals and acids, ozone, oils, fats, greases and solvents. Attacked by strong oxidizing acids, esters and ketones.	Excellent resistance to animal and vegetable byproducts. FDA approved blade. Low ozone resistance.	Good resistance to petroleum-based fluids. Good physical properties. Resists many hydrocarbons, fats, oils and greases. Attacked by ozone, ketons, esters, and nitro hydrocarbons.	Duo-extruded unit with good chemical and abrasion resistance.	Highly durable, resistant to fatigue, ozone, ultraviolet, acids, alkalis, oils, lubricants. Good chemical resistance.

This information was gathered from other sources and is to be used only as a guide in selecting products. Changes and/or variances in blade blends or chemical strengths can offer different results.

All blades should be stored away from UV light and motorized equipment to maintain the integrity of the blade.

## 1400 Line - Gray Non-Marking Squeegee

Floor squeegee that features a high performance gray EPDM rubber blade that resists marking floors. The blade exhibits excellent chemical resistance and high and low temperature properties. This is one of Haviland's most requested floor squeegees.

- ♦  $\frac{1}{4}$ " x 2" EPDM rubber compound resistant to most animal and vegetable products and by-products
- ♦ A hard gray rubber blade is available
- ♦ Engineered for superior push/pull performance
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Straight frames are equipped with a built in scraper
- ♦ Socket accepts a standard  $1\frac{1}{8}$ " tapered handle (see handles on page 19)
- ♦ Other sockets available (shown on page 19)
- ♦ The refill blade is the **1900 Line**



**1400** Heavy-duty 14 gauge red powder-coated frame  
Lengths: 18, 24, 30, 36, and 48 inches



**01400** Standard-duty 16 gauge plated frame  
Lengths: 14, 18, 24, 30, and 36 inches



**1400C** Heavy-duty 14 gauge plated frame  
Lengths: 24, 30, and 36 inches

**01400C** Standard-duty 16 gauge plated frame (not shown)  
Lengths: 18, 24, 30, and 36 inches

## 2100 Line - Red Non-Marking Squeegee

This floor squeegee features a high performance red EPDM rubber blade that resists marking floors. The blade exhibits excellent chemical resistance and high and low temperature properties.

- ♦  $\frac{1}{4}$ " x 2" EPDM rubber compound resistant to most animal and vegetable products and by-products
- ♦ Engineered for superior push/pull performance
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Straight frames are equipped with a built in scraper
- ♦ Socket accepts a standard  $1\frac{1}{8}$ " tapered handle (see handles on page 19)
- ♦ Other sockets available (shown on page 19)
- ♦ The refill blade is the **2900 Line**



**2100** Heavy-duty 14 gauge red powder-coated frame  
Lengths: 18, 24, 30, 36, and 48 inches



**02100** Standard-duty 16 gauge plated frame  
Lengths: 14, 18, 24, 30, and 36 inches



**2100C** Heavy-duty 14 gauge plated frame  
Lengths: 24, 30, and 36 inches

**02100C** Standard-duty 16 gauge plated frame (not shown)  
Lengths: 18, 24, 30, and 36 inches



### 300 Line - Black Buna Blend Squeegee

Known as the “workhorse” of the floor squeegees, this squeegee features a black Buna blend rubber blade and is built for a lifetime of tough work. It is a heavy-duty, general purpose tool. The blade exhibits excellent resistance to alcohols and petroleum products

**300** Heavy-duty 14 gauge red powder-coated frame  
Lengths: 18, 24, 30, 36, and 48 inches



**0300** Standard-duty 16 gauge plated frame  
Lengths: 14, 18, 24, 30, and 36 inches



**300C** Heavy-duty 14 gauge plated frame  
Lengths: 24, 30, and 36 inches

**0300C** Standard-duty 16 gauge plated frame (not shown)  
Lengths: 18, 24, 30, and 36 inches

- ♦ 1/4" x 2" Buna blend rubber compound resists most animal and vegetable products and by-products;
- ♦ Engineered for superior push/pull performance
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Straight frames are equipped with a built in scraper
- ♦ Socket accepts a standard 1 1/8" tapered handle (see handles on page 19)
- ♦ Other sockets available (shown on page 19)
- ♦ The refill blade is the **500 Line**



### 000 Line - Black Buna Blend Squeegee

A squeegee made with an ideal blend of performance and economy. This floor squeegee features standard-duty frame and is recommended for general maintenance. A great bid item for the price conscious.

**000** Standard-duty 16 gauge plated frame  
Lengths: 14, 18, 24, 30, and 36 inches



**000C** Standard-duty 16 gauge plated frame  
Lengths: 18, 24, 30, and 36 inches

- ♦ 7/32" x 2" black Buna blend rubber
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Straight frames are equipped with a built in scraper
- ♦ Socket accepts a standard 1 1/8" tapered handle (see handles on page 19)
- ♦ Other sockets available (shown on page 19)
- ♦ The refill blade is the **200 Line**



### 2300N Line - Petroleum Resistant Squeegee

Haviland's superior quality Neoprene rubber blade makes this squeegee one of our most popular. The long wearing Neoprene rubber blade is abrasion resistant.

It is recommended for use in cleanup and around petroleum, oils, and grease.

**2300N** Heavy-duty 14 gauge red powder-coated frame  
Lengths: 18, 24, 30, 36, and 48 inches



**02300N** Standard-duty 16 gauge plated frame  
Lengths: 14, 18, 24, 30, and 36 inches



**2300NC** Heavy-duty 14 gauge plated frame  
Lengths: 24, 30, 36, and 54 inches

**02300NC** Standard-duty 16 gauge plated frame (not shown)  
Lengths: 18, 24, 30, and 36 inches

- ♦ 1/4" x 2" rubber which resists petroleum products and by-products
- ♦ A lower grade Neoprene rubber blade is available as a 2300NL line with a replacement blade of 2500NL
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Straight frames are equipped with a built in scraper
- ♦ Socket accepts a standard 1 1/8" tapered handle (see handles on page 19)
- ♦ Other sockets available (shown on page 19)
- ♦ The refill blade is the **2500N Line**

## 1000 Line - Multi-Edge Non-Marking Squeegee

This floor squeegee features ease of use with resistance to most chemicals including; animal and vegetable oils and by-products; alcohols and alkalis. The gray EPDM rubber blade will not mark light colored floors. The thin durable wiping blade is reinforced by front and rear cushion action blades. The wetter the surface the better it performs.

It is recommended any area with light colored flooring and works great on uneven floors.

- ♦ Multi-edge 2" EPDM rubber blade
- ♦ Engineered for superior push/pull performance
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Straight frames are equipped with a built in scraper
- ♦ Socket accepts a standard 1 $\frac{1}{8}$ " tapered handle  
*(see handles on page 19)*
- ♦ Other sockets available *(shown on page 19)*
- ♦ The refill blade is the **2000 Line**



**1000** Heavy-duty 14 gauge red powder-coated frame  
Lengths: 18, 24, 30, 36, and 48 inches



**01000** Standard-duty 16 gauge plated frame  
Lengths: 14, 18, 24, 30, and 36 inches



**1000C** Heavy-duty 14 gauge plated frame  
Lengths: 24, 30, and 36 inches

**01000C** Standard-duty 16 gauge plated frame *(not shown)*  
Lengths: 18, 24, 30, and 36 inches

## 400N Line - Multi-Edge Petroleum Resistant Squeegee

Combining superb ease of use with petroleum resistance which makes this floor squeegee one of the best. The thin durable wiping blade is reinforced by front and rear cushion action blades.

This squeegee conforms to uneven floors and is a Haviland original.



**400N** Heavy-duty 14 gauge red powder-coated frame  
Lengths: 18, 24, 30, 36, and 48 inches



**0400N** Standard-duty 16 gauge plated frame  
Lengths: 14, 18, 24, 30, and 36 inches



**400NC** Heavy-duty 14 gauge plated frame  
Lengths: 24, 30, and 36 inches

**0400NC** Standard-duty 16 gauge plated frame *(not shown)*  
Lengths: 18, 24, 30, and 36 inches

- ♦ Multi-edge 2" rubber Neoprene blend blade
- ♦ Engineered for superior push/pull performance
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Straight frames are equipped with a built in scraper
- ♦ Socket accepts a standard 1 $\frac{1}{8}$ " tapered handle *(see handles on page 19)*
- ♦ Other sockets available *(shown on page 19)*
- ♦ The refill blade is the **900N Line**



**2400** Standard-duty 16 gauge stainless steel frame  
Lengths: 18, 24, 30, and 36 inches



## 2400 "Select" Line - White Nitrile Squeegee

Great floor squeegee for food service industries. The blade is FDA approved (21 CFR 177.2600) for repeated food use. Recommended temperatures are -30 to 225 degrees F. The non-marking Nitrile blade resists animal and vegetable products and by-products.

This squeegee should be used where a resistance to corrosion and/or FDA approval is sought.

- ♦ 1/4" x 2" white Nitrile blade
- ♦ Engineered for superior push/pull performance
- ♦ Frame has rounded corners for protection and safety in shipping
- ♦ Straight frames are equipped with a built in scraper
- ♦ Fully hard stainless steel frame with stainless steel fasteners
- ♦ Injection molded composite ACME threaded socket  
(see sockets on page 19)
- ♦ Socket accepts a standard ACME threaded handle (see handles on page 19)
- ♦ The refill blade is the **2600 Line**



**1200** Standard-duty 16 gauge plated frame  
Length: 18, 24, 30, 36 inches



## 1200 Line - Commercial Grade Black Neoprene Squeegee

This squeegee provides a double sided Neoprene wiping blade for extended use and longer product life. The full four inch blade gives the user the ability to move large amounts of debris. It also features a durable top center brace design, a Haviland original, secured to a durable front strap, which makes this squeegee able to withstand the toughest uses. It is rated excellent in resistance to UV/ozone, abrasion, and petroleum.

- ♦ 1/4" x 4" commercial grade Neoprene rubber blade
- ♦ All steel plated frame
- ♦ CE-100 heavy-duty die cast zinc socket (shown on page 19)
- ♦ Socket accepts a standard 1 1/8" tapered handle (see handles on page 19)
- ♦ Other sockets available (shown on page 19)
- ♦ Handle brace available
- ♦ The refill blade is the **1500 Line**



recycle reuse reduce

Continuing in the tradition of Haviland Corporation being a good steward of the environment, we are committed to raising the awareness of protecting the environment within the cleaning industry and our own community.

Haviland Corporation products have always been manufactured with earth's natural resources in mind. Since the Company's inception, we have produced products that will last, can be reused, and are recyclable.

## MS Line - "Microbe Spiker" Double Foam Rubber Squeegee



A revolutionary first in the floor care industry. This blue double foam rubber squeegee is embedded with an antimicrobial agent that attracts and attacks surface microbes by physical means. There is no opportunity for cell adaptation or development of microbial resistance. Because the agent is embedded into the entirety of the foam, it does not lose potency. Can be used on wet or dry surfaces and destroys up to 99.9% of surface microbes. This squeegee is also 99.9% effective against reducing the MRSA bacteria.



It is recommended for use on any surface where cross contamination is a concern.

- ♦ Two  $\frac{3}{8}$ " x  $1\frac{1}{2}$ " medium density closed-cell foam rubber blades
- ♦ Antimicrobial agent is EPA registered and USDA accepted
- ♦ Reduces the cost of cleaning/no chemicals needed
- ♦ Environmentally friendly
- ♦ Blades easily cleaned with warm water
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Straight frames are equipped with a built in scraper
- ♦ Injection molded composite ACME threaded socket
- ♦ Socket that accepts a standard ACME threaded handle (see handles on page 19)
- ♦ The refill blade is the **MSR Line**

**MS** Standard-duty 16 gauge plated frame  
Lengths: 18, 24, and 30 inches

## 2700 Line - Gray Double Foam Rubber Squeegee

This floor squeegee is one of the toughest and most abrasion resistant EPDM foam rubber squeegee in the industry. The gray EPDM blades offer more chemical resistance than most double foam blades with excellent memory wearability and the most ease of use. It works quickly to eliminate liquids on hard to dry areas and is made with extra durable construction. The EPDM blade is medium to high density closed-cell foam.



**2700** Heavy-duty 14 gauge red powder-coated frame  
Lengths: 18, 24, 30, 36, and 48 inches



**02700** Standard-duty 16 gauge plated frame  
Lengths: 14, 18, 24, 30, and 36 inches



**2700C** Heavy-duty 14 gauge plated frame  
Lengths: 24, 30, and 36 inches

**02700C** Standard-duty 16 gauge plated frame (not shown)  
Lengths: 18, 24, 30, and 36 inches

- ♦ Two  $\frac{3}{8}$ " x  $1\frac{1}{2}$ " medium to high density closed-cell foam EPDM rubber blades
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Straight frames are equipped with a built in scraper
- ♦ Socket accepts a standard  $1\frac{1}{8}$ " tapered handle (see handles on page 19)
- ♦ Other sockets available (shown on page 19)
- ♦ The refill blade is the **3000 Line**

Visit us on the internet at [www.havilandcorp.com](http://www.havilandcorp.com).



## 3700 Line - Red Double Foam Rubber Squeegee

**3700** Heavy-duty 14 gauge red powder-coated frame  
Lengths: 18, 24, 30, and 36 inches

This floor squeegee is one of the toughest and most abrasion resistant foam rubber squeegees in the industry. The red EPDM blades offer more chemical resistance than most double foam blades with excellent memory wearability and the most ease of use. It works quickly to eliminate liquids on hard to dry areas and is made with extra durable construction. The EPDM blade is medium to high density closed-cell foam.



**03700** Standard-duty 16 gauge plated frame  
Lengths: 14, 18, 24, 30, and 36 inches

- ♦ Two  $\frac{3}{8}$ " x  $1\frac{1}{2}$ " medium to high density closed-cell foam rubber blades
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Straight frames are equipped with a built in scraper
- ♦ Socket accepts a standard  $1\frac{1}{8}$ " tapered handle (see handles on page 19)
- ♦ Other sockets available (shown on page 19)
- ♦ The refill blade is the **4000 Line**



**3700C** Heavy-duty 14 gauge plated frame  
Lengths: 24, 30, and 36 inches

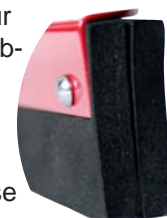
**03700C** Standard-duty 16 gauge plated frame (not shown)  
Lengths: 18, 24, 30, and 36 inches



## 700 Line - Black Double Foam Rubber Squeegee

**700** Heavy-duty 14 gauge red powder-coated frame  
Lengths: 18, 24, 30, 36, and 48 inches

This floor squeegee works quickly to eliminate liquids on hard to dry areas. Extra durable construction. It will surpass your expectations when compared to other double foam rubber floor squeegees. The Nitrile blend rubber blade is medium density closed-cell foam.



**0700** Standard-duty 16 gauge plated frame  
Lengths: 14, 18, 24, 30, and 36 inches

It is recommended for use on uneven, grouted floors and food service areas. It is not recommended for use on abrasive surfaces.



**700C** Heavy-duty 14 gauge plated frame  
Lengths: 24, 30, and 36 inches

**0700C** Standard-duty 16 gauge plated frame (not shown)  
Lengths: 18, 24, 30, and 36 inches

- ♦ Two  $\frac{3}{8}$ " x  $1\frac{1}{2}$ " medium density closed-cell foam rubber blades
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Straight frames are equipped with a built in scraper
- ♦ Socket accepts a standard  $1\frac{1}{8}$ " tapered handle (see handles on page 19)
- ♦ Other sockets available (shown on page 19)
- ♦ The refill blade is the **1100 Line**

We custom manufacture squeegees.

## 600 Line - Single Foam Rubber Squeegee

This squeegee removes liquid from irregular or grouted floors with confidence. The thick single vinyl Nitrile foam rubber blade provides a quick dry on smooth and uneven surfaces.

It is recommended for use on uneven, grouted floors, and food service areas. It is not recommended for use on abrasive surfaces.

- ♦  $1\frac{1}{2}$ " x  $1\frac{1}{2}$ " single medium density closed-cell foam rubber blade
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Equipped with a built in scraper
- ♦ Socket accepts a standard  $1\frac{1}{8}$ " tapered handle (see handles on page 19)
- ♦ Other sockets available (shown on page 19)
- ♦ The refill blade is the **800 Line**



**600** Heavy-duty 14 gauge red powder-coated frame  
Lengths: 18, 24, 30, and 36 inches



**6060** Standard-duty 16 gauge plated frame  
Lengths: 14, 18, 24, 30, and 36 inches

## SDS - "Super Dry Straight" Squeegee

This is unequivocally the finest double foam floor squeegee and a Haviland original. The Nitrile blend medium density closed-cell foam rubber blades work together to dry surfaces while the red Neoprene blade in the center provides stability and push or pull power for liquids. The combination of the foam and Neoprene blades provide extended life of the blades.

- ♦ Two  $\frac{3}{8}$ " x  $1\frac{1}{2}$ " medium density closed-cell foam rubber blade
- ♦  $\frac{1}{8}$ " x  $1\frac{1}{2}$ " red Neoprene blade
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Equipped with a built in scraper
- ♦ Injection molded composite ACME threaded socket
- ♦ Other sockets available (shown on page 19)
- ♦ The refill blades are the **1100 Line** (double foam) and **SDRR Line** (red Neoprene)



**SDS** Standard-duty 16 gauge plated frame  
Lengths: 14, 18, 24, 30, and 36 inches



## SDC Line - "Super Dry Curved" Squeegee

When you need to move large amounts of liquid on an uneven surface, use a Super Dry Curved. The curve allows for greater control of large amounts of liquid. The single Nitrile blend medium density closed-cell foam rubber blade is backed by a quality red Neoprene blade. While the foam blade works to dry the surface, the red Neoprene blade pushes debris. Another Haviland original.

- ♦  $\frac{3}{8}$ " x  $1\frac{1}{2}$ " single medium density closed-cell foam rubber blade
- ♦  $\frac{1}{8}$ " x  $1\frac{1}{2}$ " red Neoprene blade
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Injection molded composite ACME threaded socket
- ♦ Other sockets available; (shown on page 19)
- ♦ The refill blades are the **SDFR Line** (foam) and **SDRR Line** (red Neoprene)



**SDC** Standard-duty 16 gauge plated frame  
Lengths: 18, 24, 30, and 36 inches



**MMB** *Light-duty 20 gauge plated frame  
Lengths: 18 and 22 inches*

## MMB Line - Double Foam Rubber Squeegee

This is an imported light-weight double closed-cell foam rubber blade floor squeegee that provides a quick dry at a low cost. It is suitable for most surfaces, but not recommended for abrasive flooring.

- ♦ Two  $\frac{3}{8}$ " closed-cell foam rubber blades
- ♦ Socket accepts a  $\frac{7}{8}$ " - 1" straight handle



**MXB** *Light-duty 20 gauge plated frame  
Length: 30 inches*

## MXB Line - Double Foam Rubber Squeegee

Same quality of squeegee as the MMB with a reinforced socket. It is an imported lightweight squeegee with a double closed-cell foam rubber blade that provides a quick dry at a low cost. It is suitable for most surfaces, but not recommended for abrasive flooring.

- ♦ Two  $\frac{3}{8}$ " closed-cell foam rubber blades
- ♦ Socket accepts a  $\frac{7}{8}$ " - 1" straight handle



**PMB** *Lengths: 18 and 22 inches*

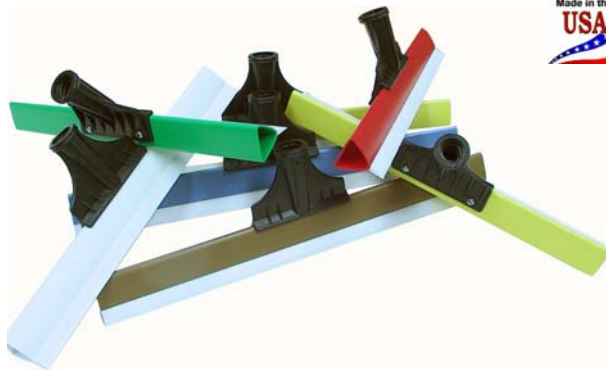
## PMB and PMR Lines - Double Foam Rubber Squeegee

These imported floor squeegees feature an all plastic frame with double closed-cell foam rubber blades in a choice of red or black Neoprene. These products are lightweight and expendable.

- ♦ Two  $\frac{3}{8}$ " x  $1\frac{1}{2}$ " closed-cell foam rubber blades
- ♦ Socket accepts a threaded handle



**PMR** *Lengths: 18 and 22 inches*



**FEC** *Lengths: 12, 15, 18, and 24 inches  
(Specialty sizes are available)*



## FEC Line - "Easy Clean" Squeegee

This floor squeegee is duo-extruded. A special die is used to extrude molten materials to form a strong, durable bond between the blade and the frame. A good all around inexpensive unit. The Easy Clean is available in six different colors; red, brown, yellow, blue, white, and green ( HACCP colors).

Recommended uses include sterile environments and areas requiring color-coding.

- ♦ Dishwasher safe up to 210 degrees F
- ♦ Made from FDA approved ingredients
- ♦ Lightweight for ease of use
- ♦ Injection molded composite ACME threaded socket
- ♦ Socket accepts a standard ACME threaded handle

*(see handles on page 19)*

We custom manufacture squeegees.

## PN Line - "Jubilee Squeegee"

A plastic color-coded squeegee that is extremely durable and rugged. The Neoprene blade is petroleum resistant and also resists most animal products and by-products. The frame is available in yellow, red, natural, and green.

Recommended uses include sterile environments and areas requiring color-coding.

- ♦ Heavy duty plastic frame
- ♦  $\frac{3}{16}$ " x 2" Neoprene rubber blade
- ♦ Injection molded composite ACME threaded socket  
*(see handles on page 19)*
- ♦ Socket accepts a standard ACME threaded handle *(see handles on page 19)*
- ♦ Refill blade is **PNR Line**



**PN** Lengths: 12, 15, 18, and 24 inches  
*(Specialty sizes are available)*

## MPF Line - "Multi-Purpose" Squeegee

This lightweight aluminum frame floor squeegee is complete with a reversible red Neoprene rubber blade. The blade can easily be removed and flipped over, providing a "BUILT IN" replacement. The red Neoprene rubber blade is non-marking for light colored floors.

- ♦  $\frac{1}{4}$ " x 2" red Neoprene rubber compound that resists most animal and vegetable products, alcohols, and alkalis
- ♦ Steel handle socket accepts a standard  $1\frac{1}{8}$ " tapered handle  
*(see handles on page 19)*
- ♦ Refill blade is **MPFR Line**



**MPF** Lightweight aluminum frame  
Lengths: 15, 18, 24, and 30 inches  
*(Specialty sizes are available)*

## MPC Line - "Multi-Purpose" Squeegee

The same great squeegee as the MPF Line with a curved frame for controlling larger amounts of liquid. This lightweight aluminum frame floor squeegee is non-marking for light colored floors.

- ♦  $\frac{1}{4}$ " x 2" red Neoprene rubber compound that resists most animal and vegetable products and by-products;
- ♦ Steel handle socket accepts a standard  $1\frac{1}{8}$ " tapered handle;  
*(see handles on page 19).*



**MPF** Lightweight curved aluminum frame  
Lengths: 24 and 30 inches  
*(Specialty sizes are available)*

## 1700 Line - Neoprene Rubber Squeegee

This wood floor squeegee features a petroleum resistant Neoprene rubber blade. It is an inexpensive applicator for small jobs, but better quality than a "throw-away" unit. A great bid item.

- ♦  $\frac{3}{16}$ " Neoprene rubber blade that is petroleum resistant
- ♦ Lightweight wood frame
- ♦ Rounded corners for protection and safety in shipping
- ♦ Accepts a standard  $1\frac{1}{8}$ " tapered handle *(see handles on page 19)*



**1700** Lightweight wood frame  
Lengths: 18, 24, and 30 inches

Visit us on the internet at [www.havilandcorp.com](http://www.havilandcorp.com).

## Serrations



- $\frac{1}{8} \times \frac{1}{8} - \frac{1}{8}$ " wide by  $\frac{1}{8}$ " deep V notch - 5 to 15 mil. (estimated)
- $\frac{3}{16} \times \frac{3}{16} - \frac{3}{16}$ " wide by  $\frac{3}{16}$ " deep V notch - 15 to 25 mil. (estimated)
- $\frac{1}{4} \times \frac{1}{4} - \frac{1}{4}$ " wide by  $\frac{1}{4}$ " deep V notch - 25 to 35 mil. (estimated)
- $\frac{5}{32} \times \frac{5}{32} - \frac{5}{32}$ " wide by  $\frac{5}{32}$ " deep V notch - 30 to 40 mil. (estimated)
- $\frac{3}{8} \times \frac{3}{8} - \frac{3}{8}$ " wide by  $\frac{3}{8}$ " deep V notch - 35 to 45 mil. (estimated)
- $\frac{1}{2} \times \frac{1}{2} - \frac{1}{2}$ " wide by  $\frac{1}{2}$ " deep V notch - 45+ mil. (estimated)

**NOTE:** When ordering serrated squeegees use the item number followed by SE (serration) and the serration depth. (e.g. 1424SE  $\frac{1}{8}$ ), 14 indicates type of rubber, 24 indicates the length, SE indicates serrated and  $\frac{1}{8}$  indicates serration depth and height.

## Serration Dimensions/Tolerance

Dimension (Inches)	Tolerance	Dimension (Inches)	Dimension (Millimeters)	Tolerance
0.00-0.10*	±0.013	(0-3/32)	0.0-2.5*	±0.32
0.10-0.16	0.016	(3/32-5/32)	2.5-4.0	0.40
0.16-0.25	0.020	(5/32-1/4)	4.0-6.3	0.50
0.25-0.40	0.025	(1/4-13/32)	6.3-10.0	0.63
0.40-0.63	0.032	(13/32-5/8)	10.0-16.0	0.80
0.63-1.00	0.040	(5/8-1)	16.0-25.0	1.00

Use ± 3½% for dimensions over 1.00 inch  
 \*General cross sectional dimensions below 0.040" (1mm) are impractical



**2300NSE** Heavy-duty 14 gauge red powder-coated frame  
 Lengths: 18, 24, 30, 36, and 48 inches



**02300NSE** Standard-duty 16 gauge plated frame  
 Lengths: 14, 18, 24, 30, and 36 inches

## 2300NSE Line - Neoprene Applicator Squeegee

The petroleum resistant Neoprene rubber blade has a serrated edge for controlled material deposit. Pliancy of rubber blade allows flexibility of material thickness through pressure and angle applied. Refer to the chart above for serration sizes. Please indicate serration depth when ordering. Standard serration is  $\frac{3}{16}$ ".

- ♦  $\frac{1}{4}$ " x 2" Neoprene rubber blade
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Equipped with a built in scraper
- ♦ Steel socket accepts a  $\frac{1}{8}$ " tapered handle (see handles on page 19)
- ♦ Other sockets available (shown on page 19)
- ♦ Refill blade is **2500NSE Line**



**1400SE** Heavy-duty 14 gauge red powder-coated frame  
 Lengths: 18, 24, 30, 36, and 48 inches

## 1400SE Line - Gray EPDM Applicator Squeegee

An efficient method to apply epoxy sealers. The stiffness of the serrated blade provides accuracy for spreading pigment and grit uniformly. The stiffer blade also keeps serration points rigged for increased durability. Refer to the chart above for serration sizes. Please indicate serration depth when ordering. Standard serration is  $\frac{3}{16}$ ".

- ♦  $\frac{1}{4}$ " x 2" EPDM rubber blade
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Equipped with a built in scraper
- ♦ Steel socket accepts a  $\frac{1}{8}$ " tapered handle (see handles on page 19)
- ♦ Other sockets available (shown on page 19)
- ♦ Refill blade is **1900SE Line**



**01400SE** Standard-duty 16 gauge plated frame  
 Lengths: 14, 18, 24, 30, and 36 inches

Proudly made in the United States.

## 2100SE Line - Red EPDM Applicator Squeegee

The EPDM rubber blade has a serrated edge for controlled material deposit. Pliancy of rubber blade allows flexibility of material thickness through pressure and angle applied. Serration information can be found on page 10. Please indicate serration depth when ordering. Standard serration is 3/16".

- ♦ 1/4" x 2" EPDM rubber blade
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Equipped with a built in scraper
- ♦ Steel socket accepts a 1 1/8" tapered handle (see handles on page 19);
- ♦ Other sockets available (shown on page 19)
- ♦ Refill blade is **2900SE Line**



**2100NSE** Heavy-duty 14 gauge red powder-coated frame  
Lengths: 18, 24, 30, 36, and 48 inches



**02100NSE** Standard-duty 16 gauge plated steel frame  
Lengths: 18, 24, 30, and 36 inches

## MPFSE Line - Serrated Applicator Squeegee

This squeegee is designed as a lightweight yet rugged epoxy applicator with a dual-edge rubber blade. The non-marking gray Neoprene rubber blade works as a "BUILT-IN" refill that can simply be removed and flipped over. Changing the blade is quick and easy without the use of additional tools. Available with 1/8, 3/16, or 1/4 inch serrations.

- ♦ Lightweight aluminum frame
- ♦ Built-in refill blade
- ♦ 5/16" x 2.5" Neoprene rubber blade
- ♦ Steel socket accepts a 1 1/8" tapered handle (see handles on page 19)
- ♦ Dual-edge refill blade is **MPFSER Line**



**MPFSE** Lightweight aluminum frame  
Lengths: 15, 18, 24, and 30 inches  
(Specialty sizes are available)

## FECSE Line - Multi-Use Squeegee

This squeegee is designed as a cost effective way to spread pigment and grit uniformly. The duo-extruded unit is available in red, green, blue, green, yellow, white, and brown. A threaded high strength socket fits most threaded broom and extension handles. Available with 1/8 or 3/16 inch serrations - please indicate depth when ordering. Standard serration is 3/16".

- ♦ Dishwasher safe up to 210 degrees F
- ♦ Made from FDA approved ingredients
- ♦ Lightweight for ease of use
- ♦ Injected molded composite ACME threaded socket



**FECSE** Lengths: 12, 15, 18, and 24 inches  
(Specialty sizes are available)

## 1700SE Line - Wood Block Squeegee

Lightweight smooth sanded wood frame squeegee comes equipped with a petroleum resistant 3/16" Neoprene rubber blade. Available in straight or serrated edge. This is an inexpensive applicator for small jobs, but better quality than a "throw-away" unit. Available with 1/8, 3/16, or 1/4 inch serrations - please indicate depth when ordering. Standard serration is 3/16".

- ♦ 3/16" Neoprene rubber blade that is petroleum resistant
- ♦ Lightweight wood frame
- ♦ Rounded corners for protection and safety in shipping
- ♦ Accepts a standard 1 1/8" tapered handle (see handles on page 19)



**1700SE** Lightweight wood frame  
Lengths: 18, 24, and 30 inches



**3003N** Heavy-duty 14 gauge red powder-coated frame  
Lengths: 18, 24, 30, 36, and 48 inches

### 3003N Line - Neoprene Sealer Squeegee

This is a squeegee that is made exclusively for applying sealer to asphalt and/or concrete. The blade is a top quality petroleum resistant 5/16" Neoprene rubber blade. The unit can be flipped over for smoothing and light scraping and is designed for the small jobs and hard to get to places.

- ♦ 5/16" x 3" Neoprene blade
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Steel socket accepts a 1 1/8" tapered handle (see handles on page 19)
- ♦ Other sockets available (shown on page 19)
- ♦ Refill blade is **25003N Line**



**3002.5NBE or 3003NBE**  
Heavy-duty 14 gauge red powder-coated frame  
Lengths: 18, 24, 30, 36, and 48 inches

### 3002.5NBE and 3003NBE Lines Neoprene Slanted Edge Squeegee



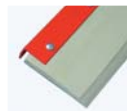
The slanted edge squeegee is designed for greater control with applying lighter viscosity sealing material. A high quality 1/4" Neoprene rubber blade enables this unit to be used with petroleum based products. Available with 2.5" or 3" height blades. Please indicate blade height when ordering.

- ♦ 1/4" x 2.5" or 5/16" x 3" Neoprene blade
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Equipped with a built in scraper
- ♦ Steel socket accepts a 1 1/8" tapered handle (see handles on page 19)
- ♦ Other sockets available (shown on page 19)
- ♦ Replacement blade is **N-00BER-2.5** or **N-00BER-3 Lines**



**3002.5GBE or 3003GBE**  
Heavy-duty 14 gauge red powder-coated frame  
Lengths: 18, 24, 30, 36, and 48 inches

### 3002.5GBE and 3003GBE Lines Tan Gum Slanted Edge Squeegee



Designed for water based or latex sealing material, the tan gum slanted edge squeegee offers greater flexibility than any other blade. The 1/4" tan gum blade is 40 durometer which gives greater control of sealer finish. It is available in 2.5" or 3" blade heights. Please indicate blade height when ordering.

- ♦ 1/4" x 2.5" or 5/16" x 3" tan gum blade
- ♦ All steel frame with rounded corners for protection and safety in shipping
- ♦ Equipped with a built in scraper
- ♦ Steel socket accepts a 1 1/8" tapered handle (see handles on page 19)
- ♦ Other sockets available (shown on page 19)
- ♦ Refill blade is **N-00BER-2.5** or **N-00BER-3 Lines**

## H Line - 2-Ply Red Thermal Blend Rubber Squeegee

This is Haviland's top selling window squeegee. The plated-steel frame provides ideal combination of strength and economy and the 2-ply red thermal rubber blend blades yield performance superior to similar looking products. This window squeegee provides professional results at a fraction of the cost.

- ♦  $\frac{3}{16}$ " x 1" 2-ply red thermal rubber blend blades
- ♦ The refill blades are the **Z Line**



**H** *Plated-steel frame*  
Lengths: 6, 8, 10, 12, 14, 16, and 18 inches

## F Line - Black EPDM Rubber Squeegee

An all zinc plated steel window squeegee that does not need clips or tools to quickly change the snap-in-blade. The socket is easy to reposition on the channel for longer reach or working around objects. The long handle socket is easy to hold and fits a tapered handle. Bumpers on the top-quality rubber blade help prevent scratching of windows or frames.

- ♦  $\frac{1}{8}$ " x  $\frac{3}{4}$ " black EPDM rubber blade
- ♦ The replacement channel with blade is the **G Line**
- ♦ The refill blade is the **L Line**



**F** *Professional weight zinc-plated steel frame*  
Lengths: 10, 12, 14, 16, and 18 inches

## T Line - Black EPDM Rubber Squeegee

An all brass window squeegee that does not need clips or tools to quickly change the snap-in-blade. The socket is easy to reposition on the channel for longer reach or working around objects. The long handle socket is easy to hold and fits a tapered handle. Bumpers on the top-quality rubber blade help prevent scratching of windows or frames.

- ♦  $\frac{1}{8}$ " x  $\frac{3}{4}$ " black EPDM rubber blade
- ♦ The replacement channel with blade is the **O Line**
- ♦ The refill blade is the **L Line**



**T** *Professional weight brass frame*  
Lengths: 10, 12, 14, 16, and 18 inches

## A Line - Off-White Neoprene and White Vinyl Squeegee

A heavy-gauge plated steel frame assures years of service. The wiping blade is off-white Neoprene backed by a white vinyl cushion blade. This window squeegee is strong enough to use in applying grout to tile.

- ♦  $\frac{3}{32}$ " x  $1\frac{1}{4}$ " off-white Neoprene service blade
- ♦  $\frac{3}{32}$ " x 1" white vinyl backup blade
- ♦ The replacement blade is the **R Line**



**A** *Heavy-gauge plated steel frame*  
Lengths: 6, 8, 10, 12, 14, 16, 18, and 24 inches

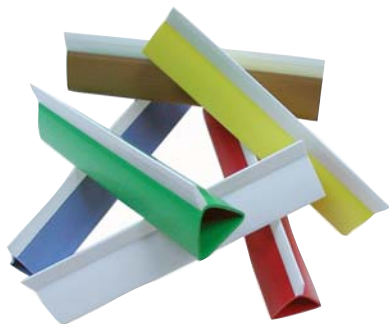
## MPL Line - Black EPDM Blend Rubber Squeegee

This aluminum channel window squeegee provides a dual edge "BUILT IN" blade refill. The rubber blade is soft and pliable.

- ♦  $\frac{3}{16}$ " x 1" black EPDM blend rubber blade
- ♦ Built in refill blade
- ♦ The refill blade is the **MPLR Line**



**MPL** *Lightweight aluminum frame*  
Lengths: 6, 8, 10, 12, 16, and 18 inches  
(Specialty sizes are available)



### EC

Lengths: 6, 8, 10, 12, 14, 16, and 18 inches  
(Specialty sizes available)



## EC Line - "Easy Clean" Hand-Held Squeegee

This versatile squeegee is duo-extruded. A special die is used to extrude molten materials to form a strong, durable bond between the blade and the frame. A good all around inexpensive unit. The Easy Clean is available in six different colors; red, brown, yellow, blue, white, and green (HACCP colors).

- ◆ Dishwasher safe up to 210 degrees F
- ◆ Made from FDA approved ingredients
- ◆ Lightweight for ease of use



See YouTube videos at

<http://www.youtube.com/channel/UCC98BWSCZS1sQigUya3HGcw>



### HMS

Lengths: 6, 8, 10, and 12 inches



## HMS Line - "Handy Microbe Spiker"

This squeegee is 99.9% effective against reducing the MRSA bacteria. It features a hand-held plastic frame with a Microbe Spiker blade. The blue closed-cell foam rubber squeegee is embedded with an antimicrobial agent that attracts and attacks surface microbes by physical means. There is no opportunity for cell adaptation or development of microbial resistance. Because the agent is embedded into the entirety of the foam, it does not lose potency over time. Can be used on wet or dry surfaces and destroys up to 99.9% of surface microbes.

It is recommended for use on any surface where cross contamination is a concern.

- ◆ One  $\frac{3}{8}$ " x  $1\frac{1}{2}$ " medium density closed-cell foam rubber blade
- ◆ Antimicrobial agent is EPA registered and USDA accepted
- ◆ Reduces the cost of cleaning/no chemicals needed
- ◆ Environmentally friendly
- ◆ Blade easily cleaned with warm water
- ◆ Frame is available in red, green, yellow, and natural



### H- S

Aluminum frame

Lengths: 7, 9, 11, 13, 15, and 17 inches



## H-S Line - "Sizzler" Grill Squeegee

A great cost effective way to clean flat griddles. The silicone blade remains stable with temperatures up to 500 degrees F. The frame is lightweight plated steel.

- ◆  $\frac{3}{16}$ " x 1" silicone rubber blade
- ◆ A choice of 2 handles, our **AO-12** aluminum handle with an insulated grip or **BK-14H** tapered-end wood handle
- ◆ Refill blade is the **SI Line**



### A-6SS

Heavy-duty plated frame and socket with 6 inch blade and scraper



## A-6SS Line - "Sizzler Plus" Grill Squeegee

To remove tough residue from flat griddles, use the "Sizzler Plus." It features the same great silicone blade as our "Sizzler" grill squeegee, but includes a 22 gauge stainless steel scraper and a heavy-duty plated steel frame and socket.

- ◆  $\frac{3}{16}$ " x 1" silicone rubber blade
- ◆ A choice of 2 handles, our **AO-12** aluminum handle with an insulated grip, or **114** tapered-end wood handle
- ◆ Refill blade is the **RSI Line**

## SMS - Microbe Spiker Swipes

This swipe is 99.9% effective against reducing the MRSA bacteria. It is a convenient cleaning swipe that conforms around surfaces. The closed-cell foam swipe is embedded with an antimicrobial agent that attracts and attacks surface microbes by physical means. There is no opportunity for cell adaptation or development of microbial resistance. Because the agent is imbedded into the entirety of the foam, it does not lose potency over time. Can be used on wet or dry surfaces and destroys up to 99.9% of surface microbes.



**SMS** Soft Foam Swipe

- ♦ 1/16" x 7" x 7" medium density closed-cell foam rubber
- ♦ Antimicrobial agent is EPA registered and USDA accepted
- ♦ Reduces the cost of cleaning/no chemicals needed
- ♦ Environmentally friendly
- ♦ Easily cleaned with warm water

## RS Line - "Moss Boss" and "Mini Boss" Roller Squeegees

The 36" Moss Boss and 18" Mini Boss absorb water, moisture, and dew quickly and efficiently. They feature a top-of-the-line hydrophilic superior PVA roller with stainless steel axles and rod that runs from axle to axle providing an extremely strong resilient frame. The frame is a heavy gauge aluminum extrusion, and the socket is a zinc die cast.

Recommended uses include outdoor tennis and basketball courts, patios, driveways, parking lots, golf greens, pool areas, and any other surfaces that need to be kept dry.



**RS-36** Moss Boss

**RS-18** Mini Boss

- ♦ Socket accepts a standard 1 1/8" tapered handle  
(see handles on page 19)
- ♦ Refill lines are **RS-36R** and **RS-18R**

## BB Line - "Big Badger" Waterbroom

The Big Badger Waterbroom features a specially extruded, high temper, 3/4" aluminum pipe with the right balance of weight and strength. The heavy-duty brass nozzles are corrosion resistant and individually machined and inspected. The pistol-grip valve is a top-of-the-line insulated Gilmore and accepts a standard water hose. Uses a third less water and is three times faster than using a standard sprayer. It is designed for average 60 psi. End caps are an added protection.



See YouTube videos at  
<http://www.youtube.com/channel/UCC98BWSCZS1sQigUya3HGcw>

**BB**

Heavy-duty aluminum frame

Lengths: 24" spray width (6-jets)

32" spray width (8-jets)

40" spray width (10-jets)

48" spray width (12-jets)

56" spray width (14-jets)

**BB-24**

**BB-32**

**BB-40**

**BB-48**

**BB-56**





**SS-8** 8" Stainless Steel



## SS-8 Line - Stainless Steel Floor Scraper

Durable heavy-duty floor scraper that features a 8" full-hard stainless steel blade that self sharpens with angle of use. Built to last a lifetime and an all around great tool for removing any unwanted compacted debris. (It is not designed to be used as a "chipper.")

- ♦ 16 gauge full-hard stainless steel blade
- ♦ Available with a heavy-duty zinc or injection molded composite ACME threaded socket
- ♦ Self-sharpens with angle of use



## RW-16 Line - Round Wire Excavator Broom

This broom will remove light to moderate dirt deposits from surfaces. The wire bristles loosen dirt imbedded in normal surface irregularities, ensuring a superior "final prep".

- ♦ 16 inch block with 5 rows of 3<sup>3</sup>/<sub>4</sub>" tin wire bristles
- ♦ Tempered round steel bristles are .014 gauge
- ♦ Great around hot areas
- ♦ Requires a 1<sup>1</sup>/<sub>8</sub>" tapered handle (see handles on page 19)

## SB-16-S Line - Synthetic Large Volume Broom

A mixture of two gauges of high quality, heavy fill synthetic bristles provide a long life without shedding, matting or breaking-off on this performance driven broom. It is used for removal of high volume debris.

- ♦ 16 inch block with 5<sup>1</sup>/<sub>4</sub>" stiff brown synthetic fill
- ♦ Requires a 1<sup>1</sup>/<sub>8</sub>" tapered handle (see handles on page 19)

## SB-16-P Line - Natural Fiber Large Volume Broom

Made with 100% natural material, this broom is manufactured for the ecologically minded consumer. It features the ability to remove a high volume of debris along with an economic price.

- ♦ 16 inch block with 6<sup>1</sup>/<sub>4</sub>" stiff tan palmyra stalk fill
- ♦ Requires a 1<sup>1</sup>/<sub>8</sub>" tapered handle (see handles on page 19)

## FB-18-F Line - Fine Bristle Surface Prep Brush

A great broom for final surface preparation. This broom will remove extra fine debris in preparation for thin coat applications. In addition, this broom will not curl, shed, and no matting or laying over of bristles. This is one of the finest sweeps for smooth surfaces.

- ♦ 18 inch block with 3" black horse hair/synthetic mix fill
- ♦ Requires a 1<sup>1</sup>/<sub>8</sub>" tapered handle (see handles on page 19)

## BK-1 Line - Lightweight U-Shaped Crack Filler Squeegee

This inexpensive but effective u-shaped squeegee is lightweight and easy to use. The center steel brace provides additional strength and the commercial grade Neoprene blade can be used for hot or cold applications. Hot applications should be used intermittently for limited amounts of time.



**BK-1** Safety orange steel frame

- ♦  $\frac{3}{16}$ " x 1" commercial grade neoprene blade
- ♦ All steel safety orange painted frame
- ♦ Cavity is 4  $\frac{1}{2}$ " x 2  $\frac{1}{4}$ "
- ♦ Built in steel socket accepts a  $\frac{15}{16}$ " tapered handle  
(see handles on page 19)
- ♦ Refill blade is **BK-1R**

## HSU-1 Line - Heavy Duty U-Shaped Crack Filler Squeegee

Built for durability the HSU provides long lasting endurance. It features a safety orange steel frame with commercial grade Neoprene rubber blade. The 9-1/2" deep U-shaped cavity holds ample material and the center steel brace provides additional strength. The Neoprene blade can be used for hot or cold applications. Hot applications should be used intermittently for limited amounts of time.



**HSU-1** Safety orange steel frame

- ♦  $\frac{5}{16}$ " x 2" commercial grade neoprene blade
- ♦ All steel safety orange painted frame
- ♦ Cavity is 9  $\frac{1}{2}$ " long, 3  $\frac{1}{8}$ " wide (at widest point) and 2" deep
- ♦ Heavy-duty zinc socket accepts a 1  $\frac{1}{8}$ " tapered handle  
(see handles on page 19)
- ♦ Refill blade is **HSU-1R**

## HSV-9 Line - Push/Pull V-Shaped Crack Filler Squeegee

This crack filler squeegee is designed to work as a push or pull squeegee by simply reversing the socket. No tools required. The "V" is at a 70 degree angle using 1/4" x 2" Neoprene rubber. The 2" height adds greater control of material while the Neoprene rubber can be used on hot or cold applications. Hot applications should be used intermittently for limited amounts of time.



**HSV-9** 16 gauge plated frame

- ♦  $\frac{1}{4}$ " x 2" Neoprene blade
- ♦ Plated steel frame
- ♦ Plated steel brace for added strength
- ♦ Cavity is 9" long, 8  $\frac{1}{2}$ " wide (at widest point) and 2" deep
- ♦ Steel socket accepts a 1  $\frac{1}{8}$ " tapered handle (see handles on page 19)
- ♦ Refill blade is **HSV-9R**



### L Line - Aluminum Lute

This unit provides for exceptional strength versus weight with an 84" extruded aluminum handle that has an outside diameter of 1 1/4" that is ridged for strength. The lute features an aluminum extruded blade with teeth one inch wide/one inch deep on one side and a straight edge on the other side. The internally braced stamped steel socket is lapped for added strength and powder coated safety orange.

- ♦ Extruded aluminum handle and blade
- ♦ Blade teeth 1"x1" on one side and straight edge on other side
- ♦ Internally braced stamped steel socket
- ♦ Refill blade **(Length)LR**

**(Length)L** Blade Lengths: 30, 36, and 42 inches

### NEW DESIGN

### PP-2 Line - Pouring Pot

Haviland's exclusive original design allows the barrel to easily fit under kettle for an easy material fill. This all steel pouring pot is not your standard unit. It features a full two gallon barrel to be used with hot or cold material. A drip proof removable plunger allows for easy internal inspection and cleaning without the use of any additional tools for breaking down. It is equipped with three nozzle sizes; 3/4", 9/16", and 11/16". Lever is a one hand operation. Powder coated safety orange for easy visibility on job sites.



- ♦ 2 gallon steel receptacle
- ♦ **Barrel circumference is 7 1/8" (larger)**
- ♦ **17 1/4" floor to top of barrel height (shorter)**
- ♦ 30" floor to handle
- ♦ Powder coated safety orange
- ♦ Drip proof plunger
- ♦ Equipped with three nozzle sizes
- ♦ Unit weight 9.5 lbs

PP-2

### 8-T Line - Hand Tamper

This tamper is one component with a solid steel plate, four steel gussets, and a steel handle firmly welded to create a durable unit. It won't crack like cast iron and aluminum units. The tamper is painted safety orange for easy visibility on job sites.

- ♦ 8"x8"x1/4" steel plate
- ♦ Four 1/4" steel gussets
- ♦ 48"x 1 1/4" outside diameter
- ♦ Unit weight is 13 lbs



8-T



## Handles



### 154, 160, and 172 Tapered-End Wood Handles

All wood handles are sanded to a smooth finish and coated with a clear coat to protect from moisture damage. Only hard wood is used; 54, 60, and 72 inch handles. These handles are 1-1/8" diameter.



### FT-60 Fiberglass Handle

Heavy-duty white fiberglass threaded handle features strength as well as durability. Honeycomb interior provides extra strength. This fiberglass handle is noted for its longevity. It is available in 60 inch length and 1" diameter.



### BK-48 Tapered-End Wood Handle

Handle is sanded to a smooth finish and coated with a clear coat to protect from moisture damage. Only hard wood is used. Available in 48 inches and has a 15/16" diameter. This handle is used on our BK-1 crack filler squeegees.



### AO-12 Aluminum Handle

12" aluminum handle with snap in clip assures a secure fit. The insulated handle grip provides comfort and heat resistance when used with Haviland's grill squeegees. The 7/8" diameter handle fits securely in the H-Line; A-Line; F-Line; and T-Line window squeegees. It is a secure fit with the Sizzler and Sizzler Plus grill squeegees.



### 114 Tapered-End Wood Handles

Non coated 14" hard wood handle with tapered end. Diameter is 1-1/8". This handle is designed for use with our A-Line window squeegee and the Sizzler Plus grill squeegee.



### BK-14H Tapered-End Wood Handle

Handle is sanded to a smooth finish. Only hard wood is used. Available in 14 inches and has a 15/16" diameter. This handle is used on our BK-1 crack filler squeegees, H-Line window squeegee, and Sizzler grill squeegee.

## Sockets

Haviland sockets have an ideal strength to weight ratio for specific applications.

Haviland's standard socket is the steel-stamped WH-100.

Sockets are as follows:



Steel-stamped **WH-100**;  
(accepts standard 1 1/8" tapered wood handle)



Aluminum **T-66**;  
(accepts standard 1 1/8" tapered wood handle)



Heavy-duty zinc **CE-100**;  
(accepts standard 1 1/8" tapered wood handle)



Injection molded composite, **PCT-97**;  
ACME broom-threaded, and food grade approved

## Adapters

Cone Adapters allow use of ACME threaded handles with Haviland's tapered sockets.

Cone Adapters allow use of ACME threaded handles with Haviland's tapered sockets.



**C-01**



**C-01P**

# Replacement Parts for Floor Machines

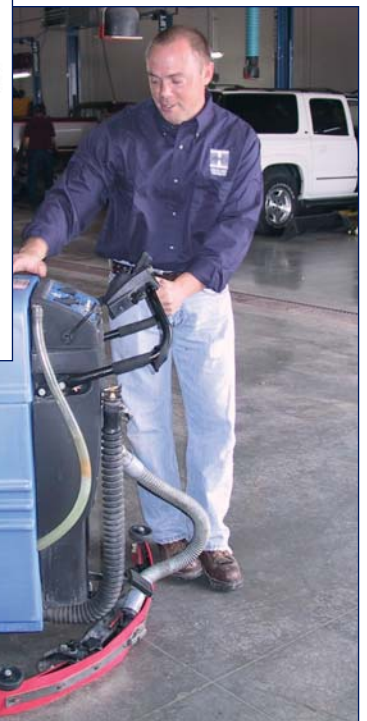
## Locator & Guide



Haviland Corporation has been pleased to be your **one source** for premium quality replacement squeegee blades for your floor machines at discount prices for over 45 years. Replacement squeegee blades should be as good as, if not better than, the original blades that came on your equipment. This is the mission of Haviland Corporation's Vac Department.

Haviland Corporation was the first to provide replacement floor machine blades to the industry. We have the largest selection of blades made of quality materials. Our materials range from urethanes to specialty oil-resistant products, and everything in between. Many OEMs do not carry replacement blades for obsolete floor machines - **we do**.

Because our customers are our source for the products of this market, we are always listening to your wants and needs. Through you, we have developed a premium product with specialty materials, numerous sizes, and unusual uses. We value you (our customer) by providing special packaging, marking, or other needs that make your business an added plus to your customers; turning your repair center into a **profit center**!



Call today for your

Locator & Guide

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