

### Millwork® Resilient Wall Base

#### 1. PROPRIETARY PRODUCT/MANUFACTURER

1.1 **Proprietary Product:** Millwork Resilient Wall Base profiles replicate the look of finely milled wood.

1.2 **Manufacturer:**

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1.3 **Proprietary Product Description:**

1.3.1 **Construction:** Johnsonite Millwork Resilient Wall Base is manufactured from a proprietary thermoplastic rubber formulation designed specifically to meet the performance and dimensional requirements of ASTM F-1861 Standard Specification for Resilient Wall Base, Type TP, and Group 1.

1.3.2 **Physical Characteristics:**

**Diplomat™** (MW-XX-A): 3/8" (9.52mm) thick by 4 -1/2" (11.43cm) high, 6 per carton, 8 ft lengths, 48 ft (14.6m) per carton, 38 lbs (17.2kg) per carton, U.S. Design Patent Number #D474,548

**Overlook™** (MW-XX-C): 1/4" (6.35mm) thick by 7-1/2" (19.05cm) high, 6 per carton, 8 ft lengths, 48 ft (14.6m) per carton, 56 lbs (25.4 kg) per carton

**Outline™** (MW-XX-D): 5/16" (7.92mm) thick by 3-1/2" (8.89cm) high, 10 per carton, 8 ft lengths, 80 ft (24.4m) per carton, 47 lbs (21.3kg) per carton

**Attaché™** (MW-XX-E): 1/4" (6.35mm) thick, by 6" (15.24cm) high, 8 per carton, 8 ft lengths, 64 ft (19.5m) per carton, 57 lbs (26kg) per carton

**Reveal™ 4-1/4" high** (MW-XX-F): 1/4" (6.35mm) thick by 4-1/4" (10.8cm) high with a 45° angular top and a 7/32" (5.5mm) wide surface reveal, 8 per carton, 8 ft lengths per carton, 64 ft (19.5m) per carton, 50 lbs (22.7kg) per carton

**Reveal™ 6" high** (MW-XX-F6): 1/4" (6.35mm) thick by 6" (15.24cm) high with a 45° angular top and a 7/32" (5.5mm) wide surface reveal, 8 per carton, 8 ft lengths, 64 ft (19.5m) per carton, 58 lbs (26.3kg) per carton

**Inflection™** (MW-XX-G): 3/8" (9.52mm) thick by 5-1/4" (13.34cm) high, 6 per carton, 8 ft lengths, 48 ft (14.6m) per carton, 65 lbs (30kg) per carton

**Mandalay™ 2-1/2" high** (MW-XX-H25): 3/8" (9.52mm) thick by 2-1/2" (6.35cm) high wall base, a rectangular shaped profile with a 45° chamfer top, 5 per carton, 8 ft lengths, 40 ft (12.2m) per carton, 40 lbs (18.14kg) per carton

**Mandalay™ 4-1/2" high** (MW-XX-H): 3/8" (9.52mm) thick by 4-1/2" (11.43cm) high wall base, a rectangular shaped profile with a 45° chamfer top, 5 per carton, 8 ft lengths, 40 ft (12.2m) per carton, 52 lbs (23.6kg) per carton

**Mandalay™ 6" high** (MW-XX-H6): 3/8" (9.52mm) thick by 6" (15.24cm) high wall base, a rectangular shaped profile with a 45° chamfer top, 4 per carton, 8 ft lengths, 32 ft (9.75m) per carton, 54 lbs (24.5kg) per carton

**Silhouette™** (MW-XX-J): 5/16" (7.92mm) thick, 1/2" (12.7mm) thick and 4" (10.16cm) in height, 6 per carton, 8 ft lengths, 48 ft (14.63m) per carton, 41 lbs (18.6kg) per carton

**Ambassador™** (MW-XX-K): 3/8" (9.52mm) thick by 4" (10.16cm) in height, 6 per carton, 8 ft lengths, 48 ft (14.6m) per carton, 42 lbs (19kg) per carton

**Envoy™** (MW-XX-L): 3/4" (19.05mm) thick by 5-1/2" (13.97cm) high wall base profile which replicates a finely routed wood molding profile, 4 per carton, 8 ft lengths, 32 ft (9.75m) per carton, 66 lbs (30kg) per carton

**Monarch™** (MW-XX-M): 3/16" (4.76mm) thick by 6.0" (15.24cm) high wall base profile which replicates a finely routed wood molding profile, 6 per carton, 8 ft lengths, 48 ft (14.6m) per carton, 46 lbs (20.9kg) per carton

**Oblique™** (MW-XX-N): 3/8" (9.53mm) thick by 3" (7.62cm) high wall base profile with a 45° angular top, 7 per carton, 8 ft lengths, 56 ft (17.0m) per carton, 42 lbs (19.1kg) per carton

**Emissary™** (MW-XX-P): .531" (13.49mm) thick by 4-1/2" (11.43cm) high wall base profile, 6 per carton, 8 ft lengths, 48 ft (12.9m) per carton, 44 lbs (19.9kg) per carton

**Equinox™** (MW-XX-R): 3/8" (9.53mm) thick by 4-1/2" (11.43cm) high wall base profile, 5 per carton, 8 ft lengths, 40 ft (10.16m) per carton, 50 lbs (22.6kg) per carton

#### 2. PRODUCT PERFORMANCE AND TECHNICAL DATA

2.1 **Hardness:** ASTM D 2240: 85 Shore A

2.2 **Flexibility:** Will not crack, break, or show any signs of fatigue when bent around a 1/4" (6.4 mm) diameter cylinder.

2.3 **Fire Resistance:**

2.3.1 ASTM E 648/NFPA 253 (Critical Radiant Flux) – Class 1

2.3.2 ASTM E 84/NFPA 255: Flame/Smoke – Class A / less than 450 Smoke

2.4 **Chemical Resistance:** ASTM F 925, Passed – 5% Acetic acid, 70% Isopropyl alcohol, White mineral oil (medicinal grade), Sodium hydroxide solution (5% NaOH), Hydrochloric acid solution (5% HCl), Sulfuric acid solution (5% H<sub>2</sub>SO<sub>4</sub>), Household ammonia solution (5% NH<sub>4</sub>OH), Household bleach (5.25% NaOCl), Olive oil (light), Kerosene (K1), and Unleaded gasoline (regular grade)

2.5 **Meets or exceeds the performance requirements** for resistance to heat/light aging, chemicals, and dimensional stability when tested to the methods, as described, in ASTM F-1861 Standard Specification for Resilient Wall Base.

### 3. INSTALLATION

3.1 The installation of Johnsonite Millwork Resilient Wall Base should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive wall base shall be clean, fully enclosed, weathertight, and maintained at a uniform temperature of at least 65° F for 24 hours before, during, and after the installation is completed. The wall base and adhesives shall be conditioned in the same manner. Floors and walls shall be clean, dry, free of dust, all paints, wallpaper, and all other foreign material, which may affect proper adhesive bonding. Wall Base may be installed on interior plaster, gypsum wallboard, concrete, masonry, mineral-reinforced cement board or similar porous surfaces. Wall Base shall not be installed on surfaces that will be exposed to drastic temperature changes or moisture. Cut the wall base to finished length and miter cut the ends for inside and outside corners.

3.2 Adhesives:

#### Porous Surfaces

##### 3.2.1 Johnsonite #960 Acrylic Cove Base Adhesive

**Application** - 1/8" square notch trowel

Approximate Coverage in Linear ft/gal

MW-XX-A (Diplomat) = 222 to 267  
MW-XX-C (Overlook) = 135 to 160  
MW-XX-D (Outline) = 285 to 340  
MW-XX-E (Attaché) = 170 to 200  
MW-XX-F (Reveal) = 235 to 280  
MW-XX-F6 (Reveal) = 170 to 200  
MW-XX-G (Inflection) = 190 to 225  
MW-XX-H25 (Mandalay) = 400 to 480  
MW-XX-H (Mandalay) = 222 to 267  
MW-XX-H6 (Mandalay) = 170 to 200  
MW-XX-J (Silhouette) = 250 to 300  
MW-XX-K (Ambassador) = 250 to 300  
MW-XX-L (Envoy) = 185 to 220  
MW-XX-M (Monarch) = 170 to 200  
MW-XX-N (Oblique) = 335 to 400  
MW-XX-P (Emissary) = 222 to 267  
MW-XX-R (Equinox) = 222 to 267

#### Non-porous Surfaces

##### 3.2.2 Johnsonite #945 Contact Bond Adhesive

Application - Brush or roller

Coverage - approximately 360 sq ft /gallon

3.3 Installation Manual: Refer to Johnsonite Millwork Resilient Wall Base Installation Instructions for complete installation details.

### 4. AVAILABILITY AND COST

4.1 Available through authorized Johnsonite distributors nationwide.

### 5. WARRANTY

5.1 Limited 1 year warranty. For complete details, contact Johnsonite or an authorized Johnsonite distributor.

### 6. MAINTENANCE

Refer to Johnsonite Millwork Resilient Wall Base Installation Instructions for complete maintenance details.

### 7. TECHNICAL SERVICES

7.1 Samples: Submittal samples for verification and approval available upon request from Johnsonite. Samples shall be submitted in compliance with the requirements of the Contract Documents. Accepted and approved samples shall constitute the standard materials which represent materials installed on the project.

7.2 For current Installation and Maintenance Instructions, Product Specifications, and other technical data, visit us on the web at [www.johnsonite.com](http://www.johnsonite.com) or contact Johnsonite at 1-800-899-8916.