

## **SANDELL'S VA 200 VENEER ACNHOR PLATE PINTLE**

### **VA 200 VENEER ANCHOR PLATE PINTLE**

These two products are combined in the field to form a two part adjustable veneer anchor system.

### **USE and APPLICATION**

This anchor system can be used in new wood or sheet metal stud/sheathing wall construction or in older veneer rehabilitation projects where partial or total removal of the masonry veneer is required. The VA200 Veneer Anchor Plate and Pintle is extremely versatile and has been designed for use in cavity wall construction. Can be used with or without having rigid insulation installed inside the wall cavity, next to the structural backing. The veneer anchor plate can be attached, using the appropriate fasteners, to either a steel stud/sheathing or a wood stud/sheathing structural backing.

### **LIMITATION**

Will not accommodate rigid foam insulation of more than 3" in thickness. Requires 7/8" minimum air cavity. Maximum eccentricity, between pintle and plate is 1 1/4".

Page 1 of 2

June 2008

### **MATERIAL**

VA 200 Veneer Anchor Plate is fabricated from 14 gauge mill-galvanized, hot-dipped galvanized (HDG) after fabrication, carbon steel or Type 304 stainless steel. VA200 Pintle is fabricated from 3/16" diameter wire that is mill galvanized, HDG carbon steel or Type 304 stainless steel.

### **SIZES**

VA200 Veneer Anchor Plates are available for use with 0", 1/2", 1", 1 1/2", 2", 2 1/2" and 3" rigid foam insulation. VA200 Pintle is fabricated in 3", 4" and 5" lengths. Overall length of plate and pintle is insulation thickness plus pintle length plus 1/2".

### **PACKAGING**

VA200 Veneer Anchor Plate:

- 0" and 1" sizes packaged 350 pcs. per carton.
- Longer sizes are package 175 pcs. per carton.

VA200 Pintle:

- 350 pcs. per carton

### **BUILDING CODES**

Veneer anchor plate and pintle are produced to meet the requirements of the following building codes:

- 1997 *Uniform Building Code*.
- 2006 Edition of the *International Building Code*.
- *Building Code Requirements for Masonry Structures (ACI 530-02/ASCE 5-02/TMS402-02)*.
- *Building Code Requirements for Masonry Structures (TMS 402-08/ACI 530-08/ASCE (6-08))*.

### **ASTM STANDARD SPECIFICATIONS**

Veneer anchor plate and pintle are manufactured using materials that meet the following specifications:

- Carbon steel wire - *A82/A82M-05a Standard Specification for Steel Wire, Plain, for Concrete Reinforcement*.
- Carbon steel sheet metal - *A1008/A1008M-05a Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable*.
- Mill-galvanized wire - *ASTM A641/A641M-03 Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire*
- Hot-dipped galvanizing - *ASTM A153 Standard Specification for Zinc Coating (Hot Dip) on Iron and Steel Hardware*.



• Stainless steel wire - *ASTM A580/A580M-98(2004)*  
Standard Specification for Stainless Steel Wire, Type 304.

• Stainless steel sheet metal - *A167-99(2004)*  
*Standard Specification for Stainless and Heat-Resisting Chromium-Nickel.*

**INSTALLATION**

• Install veneer anchor plate and pintle as follows:

• Apply Presto Seal Tape securely against the sheathing directly over the studs.

• Remove release coated disposable backing from tape just prior to installation of veneer anchor plate. • Attach veneer anchor plate using two screws per plate.

• Install rigid foam insulation against the backing, as specified, holding it tightly against the extended portion of the veneer anchor plate.

• Do not install pintles until required during installation of the clay brick veneer.

**LEED INFORMATION**

The VA200 Veneer Anchor Plate does not use any recycled material in its manufacture.

Page 2 of 2

June 2008

The VA200 Pintle may qualify for LEED credit as the content of the wire used in this product is as follows:

• Pig Iron (virgin) = 10%

• Scrap Base (recycled) = 90%

The 90% scrap portion contains the following:

• Post-consumer = 75% to 80% consisting of:

Shred (automotive scrap)

Prompt Industrial (construction/demolition debris)

Bundles (scrap appliances, etc.)

• Pre-consumer = 20% to 25% consisting of:  
Turnings & Borings (industrial shavings)  
Bushings (industrial cuttings)

Overall, this gives the following make-up for the VA200 Pintle:

- Post-consumer content = 67% to 72%
- Pre-consumer = 18% to 23%
- Pig Iron content = 10%

**CERTIFICATE OF COMPLIANCE**

Sandell Construction Solutions will issue a Certificate of Compliance for specific projects. Required information is:

- Description and location of project
- Name of architect
- Name of general contractor
- Name of mason or sub-contractor
- Products and quantity to be certified

A certification is issued with the understanding that when granted, an order will be placed with a Sandell Construction Solutions dealer for the materials certified. Sandell Construction Solutions retains the right to rescind any Certificate of Compliance issued for which an order is not received within thirty (30) days of the issue date of the Certificate.



*Image: VA200 with Pintle (items sold separately)*

CORPORATE OFFICE  
NEW YORK  
Toll Free: 800-283-3888  
Fax: 518-357-9757

BRANCH OFFICE  
ALABAMA  
Toll Free: 877-SANDELL  
Fax: 205-263-1033

BRANCH OFFICE  
WISCONSIN  
Toll Free: 800-323-3565  
Fax: 414-764-6993