

XTREME-BOND INSTALLATION SYSTEM

FOR THIN-STONE VENEER



XBIS

- **Protection from water intrusion**
- **Superior bonding & flexural strengths**
- **Exceptional sag resistance**
- **Meets requirements of Type S mortar**
- **Pre-blended for quality consistency from batch to batch**
- **Reduces labor cost associated with set up and clean up**
- **Helps minimize cost of wasted materials left on job site**
- **15 Year System Warranty**



MADE IN

U. S. A.


"The Professional's Choice"
UMACO
INC.

Toll Free: 800-442-5535
Phone: 978-453-8881
www.umaco.com

Since 1998, Umaco has been the industry leader when it comes to formulating mortars designed specifically for thin-stone veneers.

Our quality, thin-stone veneer mortars exhibit superior bonding & flexural strengths as well as exceptional sag resistance. They also provide pre-blended consistency from batch to batch, reduced labor cost associated with set up & clean up and help minimize the cost of wasted materials left on the job site.



You picked the perfect stone, now pick the perfect installation system. Xtreme-Bond Installation System (XBIS)

XBIS is a high performance, thin-stone veneer installation system that provides a permanent, high strength installation that is protected from water intrusion and is freeze/thaw stable. XBIS gives you peace of mind by providing a quality controlled installation system which includes a waterproofing membrane, a non-sag, polymer fortified adhesive mortar, a grouting mortar and a crack resistant basecoat if needed.

Methods of Application

Adhesive Method

This method involves applying *Umaco Xtreme-Bond Stone Mortar* directly over the substrate with a notched trowel, similar to tile adhesive. This method is ideal when applying flat and even thin stone over relatively flat, even and smooth substrates. Prior to adhering the stone, the properly prepared substrate should be coated with *Umaco Xtreme Weather-Block* to help prevent any water intrusion. After adhering stone, grout joints with *Umaco Universal 1023*.

Thick Bed Method

This method involves buttering the back side of each stone with *Umaco Xtreme-Bond Stone Mortar* then adhering the stone directly to the properly prepared substrate. This method is ideal when applying thin stone which are uneven and have rough backsides or when applying over an uneven and/or rough substrate. Prior to adhering stone, the substrate should be coated with *Umaco Xtreme Weather-Block* to help prevent any water intrusion. After adhering stone, grout joints with *Umaco Universal 1023*.

15 Year System Warranty XBIS

Umaco XBIS offers a 15 year system warranty for installations over steel or wood framed exterior facades as well as installations over concrete and masonry substrates (including concrete masonry units). Contact a Umaco representative for complete warranty information.

XTREME-BOND INSTALLATION SYSTEM



BASECOAT: UMACO UNIVERSAL 1023

A multi-purpose, Portland cement-based material which exhibits exceptional crack resistance making it an ideal basecoat for manufactured and thin-stone veneers. May be applied over concrete, masonry & exterior grade plywood when covered with weather-resistive paper & galvanized 3.4 metal lath.

Packaging

50 lb bag,
49 bags per pallet

Approximate Coverage per 50 lb bag

Over Concrete/Masonry 1/4" = 25 ft²
Over Metal Lath 1/4" = 15-20 ft²



UMACO XTREME WEATHER BLOCK

A 100% acrylic, elastomeric, ready-to-use, waterproof membrane and air barrier designed for use as a water-resistive barrier behind exterior claddings and thin-stone veneer applications. May be rolled-on or sprayed.

Packaging

55 lb pail, 36/pallet
1G can, 144/pallet

Approximate Coverage per 5G pail

Plywood (two-coats) = 250-300 ft²
Concrete Masonry Units (two-coats) = 175-200 ft²
Universal 1023 (one-coat) = 350-400 ft²



UMACO XTREME-BOND STONE MORTAR

Adhesive Method

A high-performance, polymer-modified mortar which is applied over the substrate by notched-trowel (Adhesive Method). Provides optimum bond & durability, with minimal sag. Only use Adhesive Method when installing thin stone (which has backsides that are flat & even) over substrates which are relatively flat, even and smooth.

Thick Bed Method

Thick Bed Method is ideal to use when installing stones which have backsides (and/or a substrate) that are rough or uneven. Xtreme-Bond Stone Mortar is used by buttering the backside of each stone before adhering it to the substrate. Provides optimum bond & durability, with minimal sag.



Packaging

50 lb bag,
49 bags per pallet

Approximate Coverage per 50 lb bag

Adhesive Method

1/4" x 1/4" notched trowel = 70-80 ft²
1/2" x 1/2" notched trowel = 50-60 ft²

Thick Bed Method

12-15 ft² (butter back of each stone)



GROUTING: UMACO UNIVERSAL 1023

A multi-purpose, Portland cement-based material which exhibits exceptional crack resistance making it an ideal compound to use for grouting thin-stone veneer. Provides a joint that is dense, hard, durable and water-resistant.

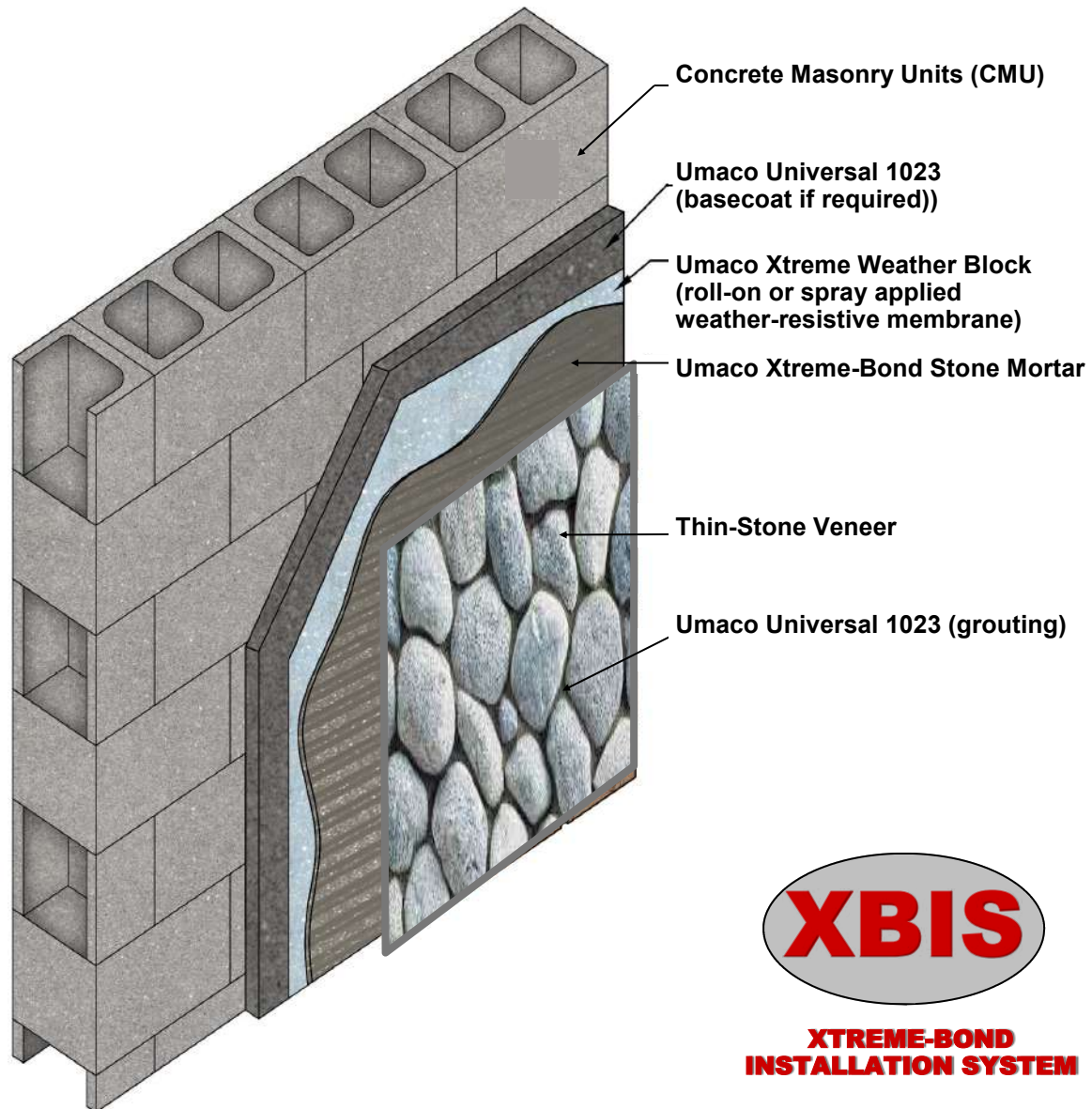
Packaging

50 lb bag,
49 bags per pallet

Approximate Coverage per 50 lb bag

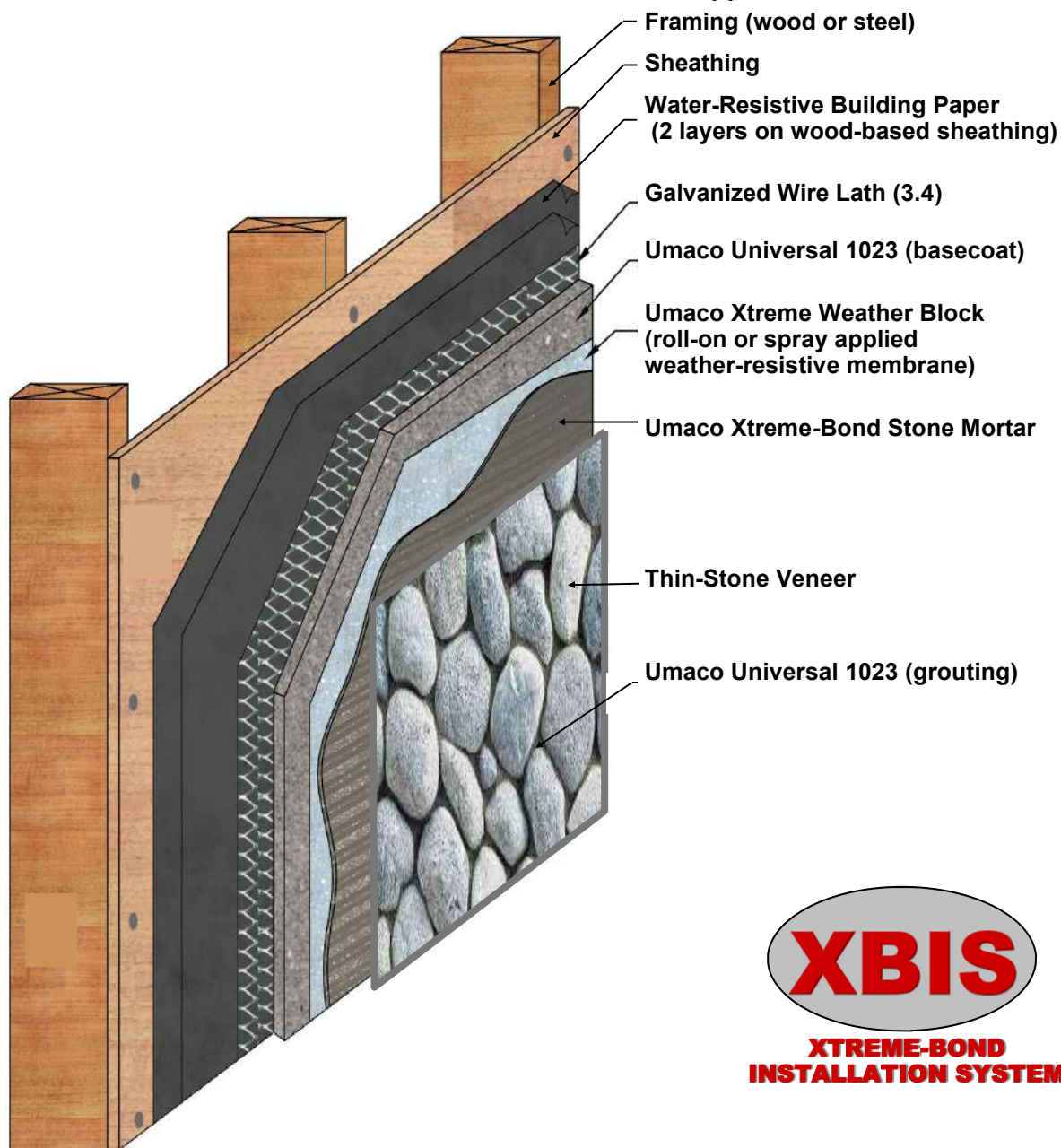
700-750 linear feet with 3/8" wide by 1/4" deep joint

THIN-STONE VENEER INSTALLATION OVER CONCRETE SUBSTRATE



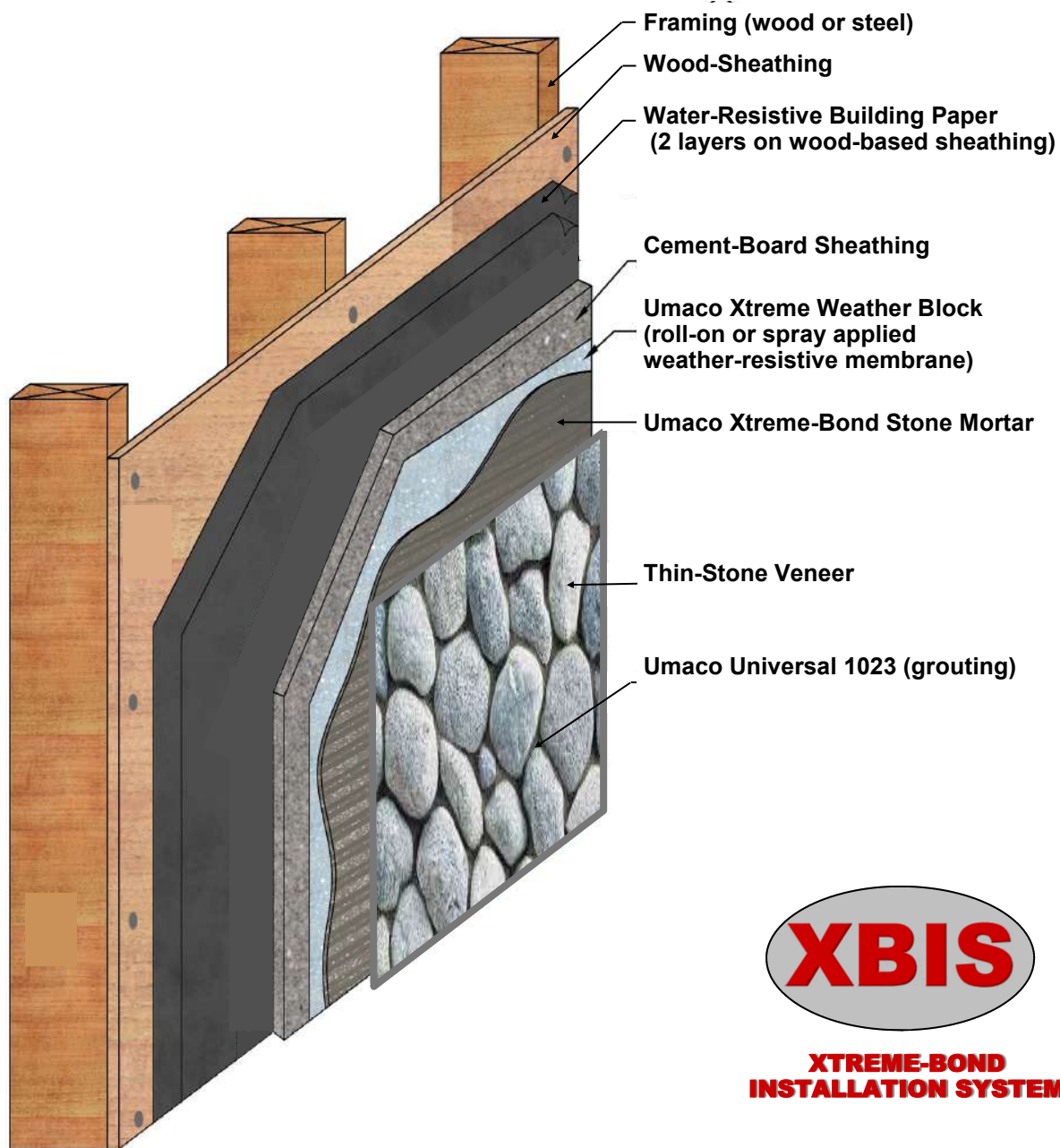
The design, specifications and construction shall comply with all local building codes and standards. Umaco installation guidelines are for general information and guidance only. The assembly shall be designed to prevent condensation within the assembly. The designer and user shall provide final drawings and specifications. Products shown other than those manufactured by Umaco are shown for clarity of the Umaco product only. Contact the manufacturer of such other products for installation instructions.

THIN-STONE VENEER INSTALLATION OVER WOOD-BASED SHEATHING



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THIN-STONE VENEER INSTALLATION OVER CEMENT-BOARD SHEATHING



The design, specifications and construction shall comply with all local building codes and standards. Umaco installation guidelines are for general information and guidance only. The assembly shall be designed to prevent condensation within the assembly. The designer and user shall provide final drawings and specifications. Products shown other than those manufactured by Umaco are shown for clarity of the Umaco product only. Contact the manufacturer of such other products for installation instructions.



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