UNIBASE-WP™

Water Resistant Basecoat Mixture

UNIBASE-WP™
Water Resistant Basecoat Mixture uses a mix ratio of two parts UNIBASE-WP to one part Portland cement by weight. This ratio provides an acrylic-rich basecoat that dries to a strong and durable yet flexible coating with excellent adhesive and weather resistant properties. UNIBASE-WP differs from the standard UNIBASE-ST™ in that it is formulated to provide higher resistance to moisture.

Recommended Use

For the PRECOR EIFS System, COREVNET reinforcing meshes are embedded in the UNIBASE-WP Mixture to create the basecoat lamina.
UNIBASE-WP may also be applied as the secondary barrier coating over approved substrates for the PRECOR-SB System.
In EIFS applications where the surface slope is less that 45%, the use of UNIBASE-WP is required, and in no case should the slope be less than 20%.
UNIBASE-WP Mixture may also be used without EPS to provide moisture resistance and to level surfaces of concrete or unit masonry in preparation for application of Corev finish coatings.
UNIBASE-WP Mixture should never be applied directly to wood substrates of any kind.

Coverage

Each 5 gallon bucket of UNIBASE-WP Mixture covers approximately 170 ft2.

Properties

Working Time
After mixing with Portland cement, the working time of UNIBASE-WP Mixture is approximately 30-60 minutes, depending on ambient temperature and humidity.

Drying Time
Drying time depends on weather conditions. Protect newly applied basecoat from rain and temperatures less than 40°F (4°C) for a period of 24 hours. In cool temperatures and/or high humidity, longer protection may be required. Average drying time at 70°F and 70% humidity is 12 hours.
When applied as a secondary barrier coating, allow UNIBASE-WP to dry at least 24 hours prior to installation of the EPS board.

Packaging (5 gallon bucket)
64 lbs. per bucket net
66 lbs. per bucket gross

Application

Surface Preparation
For basecoat application: The EPS insulation board must be well adhered to the substrate. All gaps between insulation boards larger than 1/16" must be filled with slivers of EPS or Foam2Foam gap and crack filler by Wind-Lock or approved equal. EPS Insulation board must be rasped and flat. Install all aesthetic joints and EPS details to the wall before application of basecoat.
For secondary barrier coating application: The substrate must be sound, dimensionally correct and free of paint, wax, moisture, dust, dirt, oil or any other foreign material that may affect adhesion. Any joints in the substrate should be taped using COREVNET-DTA fully embedded in the UNIBASE-WP so that the mesh color is not visible. Taped joints should be allowed to dry at least 12 hours before proceeding with the next stage of installation.

Mixing
UNIBASE-WP is mixed at the time of use with Type I or Type I-II Portland cement (ASTM C-150) at a ratio of 2 to 1 by weight. The Portland cement must be fresh and free of lumps. For best results, use a heavy duty 1/2" drill with a Goldblatt Jiffler Mixer No. 15311 H7 with 400-500 rpm or similar. Cement types other than those specified should not be used.

Open the pail of UNIBASE-WP and stir the material until homogeneous. Pour half of its contents into another clean plastic pail. Add the Portland cement to the UNIBASE-WP while mixing and continue mixing until homogeneous. Let the mixture sit for approximately 5 minutes to achieve an initial set. Then mix again to a creamy consistency. A small amount of water (12 oz. or less per bucket) may be added to adjust workability. Do not exceed the recommended amount of cement. Excessive amounts of cement in the mixture will reduce the strength of the material and cause cracking and efflorescence.
Do not over mix, as excessive stirring will cause faster setting of the Portland cement and significantly reduce working time. Do not use accelerators, retarders or other admixtures in the UNIBASE-WP Adhesive/Basecoat Mixture.

Application Procedures
For basecoat application: Spread the UNIBASE-WP Mixture over the face of the EPS board in a thickness adequate to properly embed the COREVNET Reinforcing Mesh (approximately 1/8" for COREVNET-ST and 5/32" for COREVNET-HD). Immediately trowel the Reinforcing Mesh into the wet UNIBASE-WP mixture and smooth the surface until the Reinforcing Mesh is totally embedded. After the UNIBASE-WP lamina dries, the color of the mesh must not be visible. Slight shrinkage of the UNIBASE-WP lamina may cause the mesh pattern to be visible. Minimum dry thickness is 1/16" with COREVNET-ST.
As a secondary barrier coating: After affixing COREVNET-DTA to joints in the substrate, spread the UNIBASE-WP Mixture over the face of the substrate in a thickness of approximately 1/16”. Wait at least 24 hours prior to installation of the EPS board.

Corev America 11620 Brittmoore Park Drive, Houston, Texas 77041 www.corev.com

COREV

UNIBASE-WP™

Water Resistant Basecoat Mixture

Clean -Up

Tools should be cleaned with water while the UNIBASE-WP mixture is still wet.

Storage

Store UNIBASE-WP in its original containers at temperatures not less than 40°F (4 ° C) or greater than 110°F (43°C). Store out of direct sunlight. Do not stack buckets more than 3 high.

Shelf Life

Approximately 1 year if properly stored.

Warranty

COREV America's UNIBASE-WP is conditionally warranted as a component of the Precor EIFS system. FOR COMPLETE INFORMATION, CONSULT THE MANUFACTURER'S LONG FORM SPECIFICATIONS AND PRODUCT WARRANTIES. This warranty does not apply to any party constituting a "consumer" for purposes of the Magnuson-Moss Warranty Act. All other warranties, whether expressed or implied, including without limitation any warranty of merchantability or fitness for purpose are expressly disclaimed.

Limitations

UNIBASE-WP should not be used as an adhesive over wood or metal surfaces. For painted surfaces, the paint must be removed or metal lath installed prior to adhering the insulation board.

Ambient air and substrate temperatures must be above 40°F (4°C) and must not fall below 40°F (4°C) until the UNIBASE-WP has cured for a minimum of 24 hours.

Information contained in this bulletin conforms to the standard detail recommendations and specifications for the installation of COREV products, is presented in good faith, and is applicable as of the date of this document. COREV assumes no liability, expressed or implied, as to the architecture, engineering, or workmanship.

Safty

ALWAYS WEAR APPROPRIATE EYE AND SKIN PROTECTION WHEN USING THIS PRODUCT. HARMFUL IF SWALLOWED. BEFORE APPLYING THE PRODUCTS REFER TO THE COMPLETE LONG FORM SPECIFICATIONS OF THE COREV AMERICA PRECOR EIFS SYSTEM.

Information contained in this bulletin conforms to the standard detail recommendations and specifications for the installation of COREV products and is presented in good faith. COREV assumes no liability, expressed or implied as to the architecture, engineering, or workmanship of any project.

Corev America 11620 Brittmoore Park Drive, Houston, Texas 77041 www.corev.com

COREV