

# PREMIER UNO

## With Fibers



### PREPARATION AND APPLICATION

Since *Premier UNO* is a pre-blended product, it can be mixed in either a continuous mixer or in a mechanical plaster mixer. In the mechanical mixer, material needs to be mixed for a minimum of three minutes and a maximum of six minutes. **DO NOT OVERMIX.** Material needs to achieve a “stiff” consistency. The “looser” the mix, the more tendency the mixture will have to sag when applied.

Surfaces must be sound, clean and free of dust, debris or release agents. Lath must be properly fastened to prevent sagging when plaster material is applied and applied material must achieve a good bond with the lath.

Even though *Premier UNO* is specifically formulated for spray applications, hand application can also be employed. Because *Premier UNO* is more cohesive than jobsite mixed plaster, material loss due to fall-out and spray-back is minimized.

Trowel or spray plaster material to full depth @ 3/4”. Level off surface but do not “overwork” plaster material. Avoid wet floating browned surface.

### PERFORMANCE SPECIFICATIONS

*Premier UNO* meets ASTM C926 for Portland cement based plaster.

### COMPOSITION

- Portland Type II cement                    ASTM C150
- Hydraulic cement                            ASTM C114
- Type S lime ASTM                            C206
- Limestone, graded aggregates        ASTM C897

*Premier UNO* is also available when specified, with half-inch polypropylene fibers. Fibers are used to help reduce crack formation caused by internal shrinkage stress and to increase shatter resistance and cohesion while reducing water penetration and adding toughness. These fibers comply with National Building Codes and ASTM C-1116.

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### COVERAGE

90 lb/bag: 1.6 sq. yd. @ 3/4" plaster thickness

50 lb/bag: 1.0 sq. yd. @ 3/4" plaster thickness

*Premier UNO* is a pre-blended product that allows for the simultaneous placement of the scratch and brown coats.

Both ASTM C926 and UBC 2019 Chapter 25 sec 2512.8 allows the simultaneous placement of the scratch and brown coats.

Only clean, potable water is necessary to add to *Premier UNO*.

### STANDARD CURING TIME REQUIREMENTS

#### 2019 Uniform Building Code

Since *Premier UNO* is a pre-blended product that allows the simultaneous placement of the scratch and brown coats, *Premier UNO* follows the same guidelines and specification of conventional cement plaster. According to section 2512.6, plaster shall be applied and moist cured as set forth in Table 25-F. Minimum curing time of the brown coat is seven days before application of finish coat.

Sec. 2512.9 Finish Coat: Finish coat shall be proportioned and mixed in an approved manner and in accordance with Table 25-F or factory prepared finish coat will also be accepted.

Cement plaster finish coats shall be applied over base coats that have been in place for the time periods set forth in Table 25-F. The third or finish coat shall be applied with sufficient material and pressure to bond to and to cover the brown coat and shall be of sufficient thickness to conceal the brown coat.

ASTM C926 Standard specification for application of Portland cement-based plaster.

#### *Curing and time between coats*

Curing - The act or processes of producing a moisture environment favorable to cement hydration resulting in the setting or hardening of the plaster.

Provide sufficient moisture in the plaster mix or by curing to permit continuous hydration of the cementitious materials.

The most effective procedure for curing and time between coats shall be based on climatic and job conditions.

Resistance to rain penetration is improved when plaster has been adequately densified during application and properly cured.

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### PROPORTIONATE INGREDIENTS

Type II Portland cement 1-part	ASTM C150
Type S hydrated lime Up to 20% of cement	ASTM C206
Graded aggregates Up to 4 parts	ASTM C897
Fibers (when specified) 1/2" long	ASTM C1116

### 2019 UNIFORM BUILDING CODES AND ASTM DESIGNATION: C926

**Premiere UNO conforms with the following codes and standards:**

U.B.C. Chapter 25 - Gypsum Board, Gypsum Panel Products and Plaster

U.B.C. Sec. 2512 - Exterior Plaster

U.B.C. Sec. 2512.1 - General

U.B.C. Sec. 2512.8 - Alternate method of application

ASTM C926 - Standard specification for application for Portland cement based plaster

ASTM C150 - Type II Standard specification for Portland Cement

ASTM C206 - Standard specification for finishing hydrated lime

ASTM C897 - Standard specification for aggregate for job-mixed Portland cement-based plasters

### U.L. DESIGNATION

*Premier UNO* meets U.L. DES. No. U434 for 3/4" minimum thickness Portland cement plaster when the rest of the wall system is properly placed. The fire resistance rating is based on the whole system; not just one component of that system i.e. *Premier UNO* alone is only one part of that system.

