

Perlited Pre-Mixed Gypsum Plaster

Perlited Pre-Mixed Gypsum Plaster is designed for use as the base coat in two-coat interior plastering, and for both the scratch and brown coats in three-coat work. It is a lightweight, gypsum plaster that contains expanded perlite aggregate. This formulation results in a product that is 50% lighter than conventional sanded plasters. It also offers greater fire resistance and higher thermal and acoustical insulation values.

As with Hard Wall Double Duty, this plaster can be used over almost any approved backing material because of its excellent wet cohesion, bonding capabilities and coverage. It is suitable for either hand or machine application and requires only the addition of water at the jobsite. All of these qualities make Perlited Pre-Mixed plaster a good choice for remodeling and multiple story installations.

PACKAGING AND STORAGE:

Pre-Mixed Gypsum Plaster is available in 80 pound bags. Any unmixed plaster should be stored in the bag in a dry, temperate location where there can be no contact with the ground or concrete surfaces.

PRODUCT SPECIFICATIONS

PHYSICAL PROPERTIES:

Perlited Pre-Mixed Gypsum Plaster meets or exceeds the physical property requirements specified in ASTM C 28.

APPEARANCE: White powder

SHELF LIFE: 6 months from date of manufacture

DRY WEIGHT: 55pcf (881 Kg/m³)

DRYING

TEMPERATURE 60° - 80°F (16° - 27°C)

COVERAGE:	Gypsum Lath	Metal Lath	Unit Masonry
	135-150	75-90	110-125
	sq yds/ton	sq yds/ton	sq yds/ton
	124-138	69-83	101-115
	m ² /metric ton	m ² /metric ton	m ² /metric ton

TECHNICAL REFERENCES:

For additional information on the use of perlited plaster consult:

Gypsum Association Fire Resistance Design Manual

- ASTM C 28
- ASTM C 35
- ASTM C 842
- Plaster and Lathing Systems Manual, 3rd Edition, Gorman, Jaffe, Pruter and Rose, BNI Books, Division of Building News, Inc.
- A BPB Gypsum Sales Representative

WORKING WITH THE PRODUCT

PREPARATION AND USE:

HAND MIXING

Mix only as much plaster as can be applied in 1 hour. To ensure a uniform product consistency it is important to add only the required amount of water to the mixture. Using a hoe, thoroughly blend the dry mixture with clean, drinkable water. Continue to blend until mixture is the proper consistency.

MACHINE MIXING

With the agitator running the specified amount of water should be added. Stirring should continue until all the ingredients are blended to the proper consistency.

Perlited Pre-Mixed Plaster should not be re-tempered. For either hand or machine mixing all tools and equipment must be cleaned between batches.

APPLICATION:

TWO-COAT APPLICATION

For two-coat work in which Perlited Pre-Mixed Gypsum Plaster will act as the base coat, the following procedures will help achieve the best results:

The first layer should be applied with enough material to cover well and with sufficient pressure to form a good bond with the backing. Before this has set and without raking the surface, additional material of the same proportions should be doubled back over the first layer and leveled with a rod and darby. Cross raking or scratching the second layer will provide a good mechanical key for reception of the finish coat.

THREE-COAT APPLICATION

For three-coat applications where Perlited Pre-Mixed Gypsum will be used as both the scratch (first) and brown (second) coats, the following steps are recommended:

The scratch coat must be applied to cover well over the backing. In the case of metal lath, the depth should be no less than 3/16". Before setting, it is necessary to scratch the surface of this layer to a rough finish. The brown coat can be applied once the scratch coat has set firm and hard. After straightening to a true surface with a rod and darby, it must also be cross raked or scratched to form a good mechanical key for the finish coat.

OTHER RECOMMENDATIONS

- Only three-coat work should be used over metal lath.
- When plastering over masonry, it is necessary to wet the surface to minimize sucking and shrinkage.
- In hot weather, openings should be screened to prevent dryouts. During cold weather, adequate heating and ventilation must be provided.
- Topcoat should be applied before base coat completely dries. If basecoat has dried out you must soak before applying topcoat.

SUBMITTAL APPROVAL STAMPS/SIGNATURES

Date:	Project:



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LIMITATIONS:

1. Perlited Pre-Mixed should not be used where it will come into direct contact with water or excessive moisture.
2. Not recommended for application over monolithic concrete unless a bonding agent is first applied.
3. Additional water should not be added to plaster that has started to set.
4. Not recommended for machine application where vertical lift exceeds 30 ft. or where hose length exceeds 150 ft.

WARRANTY:

Since methods and condition of application such as temperature, humidity and over thinning are beyond our control, BPB America Inc. (BPB) will not be responsible for the failure of this product when not used according to directions and specifications and accepted standards of procedure inherent in plaster application; or when reasonable allowance is not made by the user for adverse weather and job conditions. However, if this product proves to be defective, maximum liability shall be limited to replacement of the material only or refund of the purchase price. This shall be the full limit whatsoever of BPB's liability. All claims shall be submitted in writing to BPB within thirty days from the date of discovery. State or federal laws may provide rights in addition to this warranty that cannot be modified or excluded.

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