

Floor Underlayment

MANUFACTURER

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PRODUCT DESCRIPTION

AlphaGyp is a gypsum based pumped-in-place, high strength floor underlayment which has a smooth surface which readily accepts finished floor goods.

AlphaGyp is designed for interior use over plywood sub floors, precast concrete, cast-in-place concrete and for leveling old wood or concrete subfloors.

AlphaGyp is placed by factory trained, licensed applicators for the purposes of leveling, sound insulating, and fire resistance.

AlphaGyp can also be used as the thermal mass over radiant heating systems not exceeding temperatures of 130° F.

APPLICATIONS

- Multi-family
- Hospitality; Hotel/ Motel Commercial
- Retail/ Office
- Sound and Fire Control Applications

CHARACTERISTICS AND SPECIFICATIONS

- Medium Flow with self-leveling properties.
- White-Greyish Colored Powder
- Mixed with 1.4 to 3.2 ft³ of washed concrete sand meeting with AlphaGyp's minimum gradation criteria.
- Water per bag should range from 4-6 US Gal per 80lbs Bag
- Surface Burning Characteristics:
 - ASTM E84
 - Flame Spread: 0 Fuel
 - Contribution: 0
 - Smoke Density: 0

INSTALLATION

- AlphaGyp is to be applied over structural floor systems which comply with approved U.L. Designs, prevailing building codes, and when applicable, the American Plywood Association (APA) maximum span/joist spacing criteria.
- Subfloor must be broom cleaned and free of any debris or contaminants that may effect the underlayment consistency.
- AlphaGyp installation shall begin in an enclosed building where temperatures have been maintained above 50° F, and where building component temperatures have stabilized.
- Adequate ventilation must be provided to ensure uniform drying of the installed floor underlayment, which typically occurs within 5-7 days at a ¾" thickness.
- Protect floors from heavy trade traffic loads (i.e. loaded drywall carts, heavy tool cabinets, etc.).
- Installer should follow predetermined mix design to ensure final product

TECHNICAL DATA - STRENGTH

Approximate Compressive Strength (aggregated) can range from 2,000-4,500psi depending on mix design, sand gradation, water content and slump size.

NOTES:

- Compressive strengths are determined by testing in accordance with ASTM C472 Minimum thickness over concrete subfloors is 1/2"
- Minimum thickness over plywood subfloors is 3/4"
- Minimum dry density 100 lbs. per cubic foot, with average density between 110-125 lbs. per cubic foot.

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LIMITATIONS

1. Do not use in exterior applications.
2. Do not use as a wear surface.
3. Do not over water or over sand.
4. In no instance should AlphaGyp be installed at less than $\frac{3}{4}$ " or deeper than 3"
5. Do not install on below-grade applications without manufacturer approved moisture vapor reducer or barrier.
6. Do not pour over expansion or isolation joints. All movement joints must be honored through the layer of underlayment.
7. The structural floor system must be adequate to withstand design loads of L/360 and L/240 for combined live and dead loads.
8. Underlayment should be protected with plywood from heavy traffic loads such as loaded drywall carts, heavy tool cabinets, sharp edges with heavy loads on top.
9. AlphaGyp is not structural and will not resist movement in buildings. Structural movement resulting in stress to AlphaGyp underlayment will cause cracking to occur.

MANUFACTURED BY



UL DESIGNS

L263, L501, L502, L503, L504, L505, L506, L507, L508, L509, L510 L511, L512, L513, L514, L515, L516, L517, L518, L519, L520 L522, L523, L524, L525, L526, L527, L528, L529, L530, L532 L533, L534, L535, L536, L537, L538, L539, L540, L541, L542 L543, L545, L546, L551, L563, L565, L570, L573, L577, L579 L588, L589, L593

*If your listing is not shown here, please contact your AlphaGyp rep.

DANGER

- Causes skin irritation. Causes serious eye damage.
- May cause an allergic skin reaction.
- May cause respiratory discomfort.
- May cause cancer by inhalation of respirable crystalline silica. Do not handle until all safety precautions have been read and understood.
- Avoid breathing dust.
- Use only in a well-ventilated area, or wear a NIOSH/MSH approved respirator.
- Wear protective gloves/protective clothing/eye protection. If swallowed, inhaled, or skin irritation occurs get medical attention.
- If on skin: Wash with plenty of water.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing.
- Contaminated work clothing should not be allowed out of the workplace.
- Wash contaminated clothing before reuse. Dispose of in accordance with local, state, and federal regulations.