

SURFACE-GYP® 2500*

www.self-leveling.us

PROFESSIONAL FLOORING SOLUTIONS

Concentrated fire-rated gypsum underlayment



WEBSITE

*2500 number refers to an average compressive strength in psi, depending on the sand mix design

SUBMITTAL SHEET

Description:

SURFACE-GYP 2500 is a premium concentrated gypsum-based underlayment ideal for wood-frame and multi-family construction. **SURFACE-GYP 2500** offers a formulation with high performance additives, when mixed with water and special sand, produces a self-leveling and shrinkage-free product for thicknesses from 3/8" to 3" (10 to 75 mm) in single lift, minimum 3/4" depth over all wood substrates

SURFACE-GYP 2500 is pumpable and fast-setting which allows light foot traffic shortly after application. It significantly improves the fire resistance and sound proofing of the assemblies.

SURFACE-GYP 2500 can be used as an underlayment over almost any type of subfloor and with most types of flooring finishes such as: carpet, vinyl sheets, wood flooring, laminated, ceramic tiles, LVT, etc. It is an ideal product for multi-family hotels/motels, residential, offices & light commercial projects.



Key features:

- Easy to apply with excellent fluidity
- Supports light transit after 4 to 6 hours of its application (depending on the thickness)
- Good resistance to compression
- Good fire resistance properties
- Adhesives friendly
- Provides good sound control when used with our **SURFACEacoustic** soundmat products

Uses:

- Correcting uneven subfloors of concrete, oriented strand board, wood, slabs, natural stone, terrazzo, ceramic tile, etc.
- Can be applied in bonded, unbonded and floated systems

Color:

Light grey

Packaging:

80 lbs (36.3 kg) bag of powder

Technical references:

(Laboratory test at 23°C - 73°F)



| | |
|---|---|
| Physical appearance | Light gray powder |
| Theoretical yield (1.9 cu ft of sand) | 41 ft² to 3/4" |
| Ready for light transit @3/4" | 4 to 6 hours* |
| Dry density (aggregated) | ≈ 108 - 110 lbs/ft³ |
| Compressive Strength 28 days (ASTM C472) | 2000 to 3500 psi |
| Ford cup No.5 reference time (fluidity) | 1 minute |
| Fire performance (ASTM 84) | Class A / Class 1 Fire spread: 0 |
| UL designs for 1 and 2 hour fire rated assemblies | G594 (same as G560), L518, L525, L528, L530, L546 (same as L521), L569, L570, L576, L589, M501 (same as L550) |
| See UL website for more detailed information on designs | |

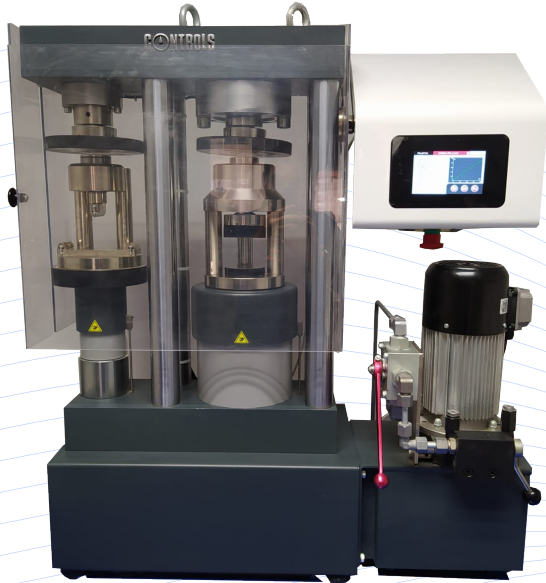


*Moisture of surface should be verified with a measuring equipment, drying times may vary.

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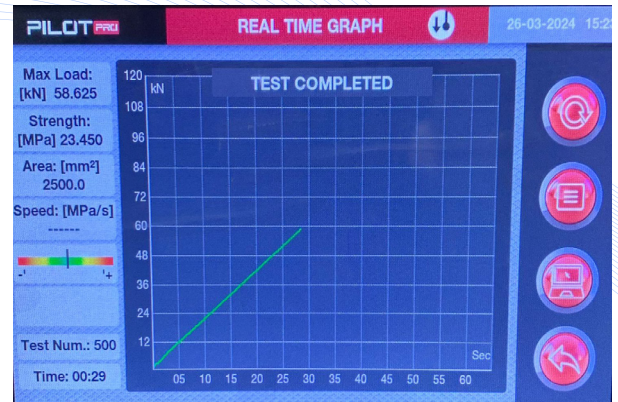
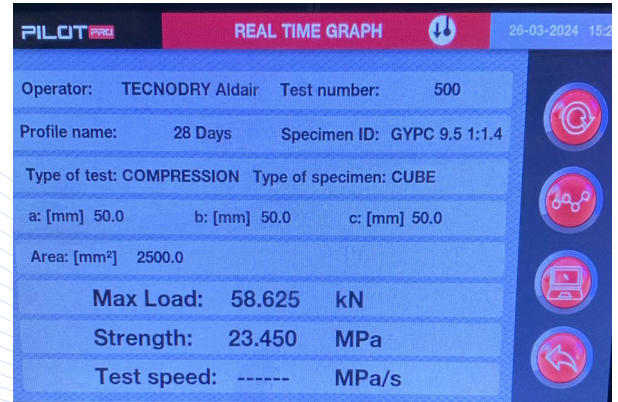
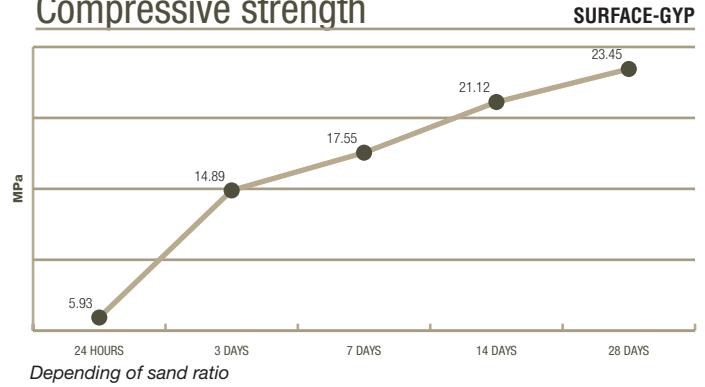
Lab Tests

Tests conducted in our lab with the latest generation compression / flexural press
CONTROLS PILOT PRO AUTOMATIC



CONTROLS
PILOT PRO

Compressive strength



*These screenshots correspond to internal tests carried out in our laboratory
 (1 MPa = 145 psi)

Measuring devices from our laboratory



Substrate preparation

The concrete slab or mezzanine must be at least 28 days old or have reached its full resistance and must be free of moisture (it is recommended to carry out a moisture test with calibrated equipment and by qualified technical personnel)

SURFACE-GYP 2500 must be applied on clean, dry and resistant subfloor.

In all cases, primary sealer must be applied to the existing subfloor, and the application of the sealer must meet the directions of its technical data sheet

Mixing and application:

1. To achieve the expected results, it is necessary to mix the products correctly, electric mixers or special pumping equipment are therefore recommended
2. Mix the contents of the bags homogeneously with special sand and clean/fresh water
3. Once the adequate fluidity has been reached, the self-leveling mixture should be poured immediately in uniform sections by determined areas according to the expected yield and according to the calculated thickness

Distribute the mixture with a squeegee or special smoother to control the desired thickness; if necessary, pass a roller in either direction on the self-leveling lining in order to eliminate the bubbles in the mix

If there are control joints or constructive joints, these must be respected; avoid covering them with **SURFACE-GYP 2500** or make a cut to it after drying

Very important: It is critical to avoid exposing the mortar to air drafts and direct sunlight during the first 24 hours after application

Shelf life and storage:

Up to 6 months if sealed in its original packaging and stored in a cool and dry place, protected from sunlight and moisture
Recommended storage temperature range of 50-100 °F

Special care:

This product contains additives that do not pollute the environment, is not toxic and does not contain organic components
The use of protective equipment such as safety glasses, a dust mask, and latex gloves is recommended

Keep out of the reach of children

Limitation and precautions:

- Do not use as overlay
- Do not use in exterior applications
- Do not over water and over sand
- Ensure building is airtight (after roof, doors and windows)
- Installation temperature must be at least 50°F
- Do not clean subfloor with oil or silicone based product prior to **SURFACE-GYP 2500** application
- Avoid walking on the product before product has set
- We highly recommend conducting a moisture test on the underlayment before floor covering installation

Limited warranty:

TECNODRY guarantees the quality of its products based on the use of premium raw materials, ensuring the product's quality, performance, and compliance with our technical specifications. However, **TECNODRY** shall not be held liable for failures due to poor surface preparation, incorrect installation or finishing, or defects in the substrate where the product is used

The information contained in this document is provided in good faith and reflects the current knowledge and experience of **TECNODRY**. It applies exclusively to the specific uses and applications mentioned herein. Users are responsible for validating the product's suitability through their own testing under the intended application conditions

The purchaser is solely responsible for ensuring that the installation and use of our product comply with all applicable federal, state, and local laws, regulations, and building codes. All necessary permits and approvals must be obtained by the purchaser, and TECNODRY LLC assumes no liability for any noncompliance

Our most up-to-date technical datasheets
are always available on our web pages:

www.nivelantes.com www.self-leveling.us



Good compressive strength



Pumpable



(volatile organic compounds)



SURFACE-GYP 2500 contains **zero VOC (Volatile Organic Compounds)**
with no odor or compounds that may be irritating or harmful to users

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