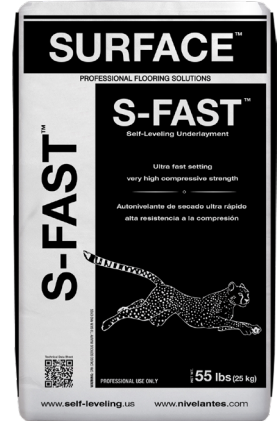


Ultra fast setting and high strength self-leveling

## TECHNICAL DATA SHEET



### DESCRIPTION

Ultra-fast setting and accelerated drying hydraulic mortar for badly finished or uneven surfaces that require optimum leveling. **S-FAST** offers a mineral formulation based on special cements and high performance admixtures, and, when mixed with water, produces a self-leveling free of shrinkage compound for a layer ranging 1/16" to 3/8" (1.6 to 9.5 mm)

### KEY FEATURES

- Easy to apply and excellent fluidity
- Can withstand light transit 1.5 to 2 hours after application<sup>1</sup>.
- Quick-setting setting and high resistance.

### USE

- For existing uneven and / or damaged substrate of concrete floors, slabs, natural stone, terrazzo, ceramic tile, etc.
- To fill voids or differential thicknesses between 1/16" to 3/8" (1.6 to 9.5 mm).
- Suitable for installing vinyl, wood, laminate, carpet, ceramic floors etc

### COLOR:

Light gray

### PACKAGING:

55.1 lb (25 kg) bag of powder

### TECHNICAL REFERENCES:

(Laboratory test @ 23°C - 73°F)

Physical appearance	Light gray powder
Mixing ratio (water per bag)	5.28 qt (5.00 lt)
Theoretical yield	≈ 53 ft <sup>2</sup> (4.90 m <sup>2</sup> ) x bag @ 1/8" (3 mm) thickness
Working time <sup>1</sup>	≈ 25 minutes
Ready for light transit @ 3 mm <sup>1</sup>	1.5 - 2 hours
28 days compression resistance (tested in the IMCYC <sup>2</sup> )	≈10,000 PSI (700 kg/cm <sup>2</sup> )

<sup>1</sup> According to lab tests, may vary.

<sup>2</sup> IMCYC: Mexican Cement and Concrete Institute

**S-FAST** has a **zero VOC (Volatile Organic Compounds)** content which contributes to improving the quality of the environment and to reducing the amount of pollution the product creates. It is odorless and contains no harmful or irritating compounds for humans

**Substrate preparation**

The concrete slab, mezzanine or substrate to be leveled must be at least 28 days old or have reached its full strength and must be free of moisture (it is recommended to perform measurements beforehand with calibrated equipment and qualified technicians)

**S-FAST** is applied to a clean and dry substrate, without shrinkage, cracks or gaps (must be repaired if necessary). If there are any control or construction joints, these should be treated appropriately in order to be able to cover them with **S-FAST**.

Improper substrate preparation invalidates the warranty

In a bonded system, our special acrylic primer **P-346**, to the substrate beforehand (refer to the **P-346** technical data sheet). On a porous substrate, it is recommended to apply 2 layers of primer beforehand

**Mixing and application:**

The levels should be measured with a laser or with special equipment.

To achieve the expected results, a correct mixing of the product is necessary. It is recommended to use an electric mixer or special pumping equipment.

Mix **S-FAST** with fresh, clean water until obtaining a homogeneous mixture

Once the adequate fluidity has been obtained, the self-leveling mixture should be emptied immediately into even sections based on the expected yield and according to the calculated thickness

Distribute the mixture with a squeegee or a special trowel to control the correct thickness. Use a "leveling float" repeatedly in one direction and other to eliminate the air stored in the mixture

**Warning: You must avoid exposing the mortar to drafts and direct sunlight during the first 24 hours after application**

**Shelf life and storage:**

Shelf life of up to 12 months when stored sealed in its original packaging in cool, dry place, protected from sunlight and humidity

**Special care:**

This product contains additives that do not pollute the environment. It is a non-toxic product and is organic and degradable. The use of protective equipment such as safety glasses, dust masks and latex gloves is recommended

**Keep out of the reach of children**

**Limited warranty:**

**TECNODRY LLC** extends the quality warranty of our products based on the use of raw materials of the highest quality, ensuring its behavior according to our specifications. **TECNODRY LLC** is not responsible for failures that originate from errors in preparation, installation, finishing or failure of the substrate on which the product is applied. The information in this document has been provided in good faith based on the current knowledge and experience of **TECNODRY LLC**. The information is valid exclusively for the applications and uses to which it refers. The information expressed herein does not exonerate the user from performing product tests as well as performance calculations according to the desired purpose

