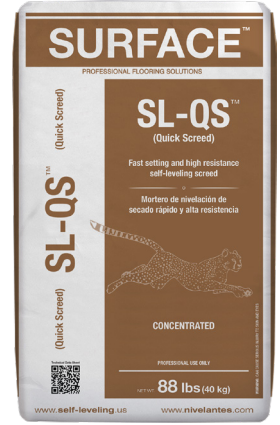


REINFORCED WITH SYNTHETIC FIBERS

Ultra fast setting and high strength self-leveling concentrated mortar for screed

TECHNICAL DATA SHEET



DESCRIPTION

Ultra fast setting and accelerated drying hydraulic mortar for badly finished or with imperfections that require leveling in thick thicknesses

SL-QS™ concentrated offers a mineral formulation based on special cements, fibers and high performance admixtures, when mixed with water and sand, it produces a self-leveling compound free of shrinkage for thicknesses from 1" to 3" (25 and 75 mm)

KEY FEATURES

- Easy to install and excellent fluidity
- Withstand light transit 4 to 5 hours after application³
- Fast setting and high resistance

USE

- Recommended for industrial, commercial and residential areas. For existing uneven and / or damaged substrate of concrete floors, slabs, natural stone, terrazzo, ceramic tile, etc
- Can be applied in bonded, non-bonded and floated systems
- To fill voids or differential thicknesses between 1" to 3" (25 and 75 mm)
- Suitable for the installation of vinyl floors, wood, laminate, carpet, ceramic, epoxy systems, urethanes, etc

COLOR:

Light gray

PACKAGING:

88 lbs (40 kg) bags of powder

TECHNICAL REFERENCES:

(Laboratory test @ 23°C - 73°F)

Physical appearance	Light gray powder
Mixing ratio (water / batch ¹)	6.34 gal (24 liters)
Mixture volume	18.2 gallons (69 liters ²)
Ready for light transit	4 a 5 hours ³
Drying time for flooring installation	48 a 72 hours ⁴
28 days compression resistance (test in the IMCYC ⁵)	5200 PSI (364 kg/cm ²)

¹ A 88 lbs bag + 166 lbs sand = 264 lbs (120 kg) of batch

² According to lab tests, may vary.

³ Variable according to the conditions of the work and quality of sand

⁴ Depending of screed thickness and the type of flooring to be installed. The substrate moisture should be verified with special equipment because drying times may vary

⁵ IMCYC: Cement and Concrete Mexican Institute

SL-QS has zero VOC (Volatile Organic Compounds) content which contributes to improving the quality of the environment and reducing the amount of pollutants, it has no odor or compounds that are irritating or harmful to people

Revision: 11/Mar/21

Substrate preparation:

The 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 with calibrated equipment and by qualified technical personnel)

SL-QS™ concentrated is applied on clean and dry substrate, without shrinkage, cracks or gaps, which will have to be repaired if needed

If there are control joints or construction joints, these should be treated appropriately to be able to cover them with **SL-QS™ concentrated**

Improper substrate preparation invalidates the warranty

In a bonded system our special acrylic primer **P-346** must be applied on the substrate, refer to **P-346** technical data sheet. On a porous substrate is recommended to apply 2 layers of primer

Mixing and application:

The levels should be measured with a laser or special equipment

The right product mixing is needed to achieve the expected results; it's recommended to use a special mixer or pump equipment

Mix with clean and fresh water the **SL-QS™ concentrated** and the selected sand until obtaining an homogeneous mixture

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

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

Warning: absolutely avoid exposure mortar to air flows and direct sunlight during the first 24 hours after application

Shelf life and storage:

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

Special care:

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

Keep out of the reach of children

Limited warranty:

TECNODRY LLC extends the warranty of quality of our products, based on the use of raw materials of the highest quality, ensuring its quality and behavior according to our specifications. **TECNODRY LLC** is not responsible for failures that arise from errors in preparation, installation, finishing or failure of the surface in which it's applied. The information contained 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 applications and uses to which reference is made. The information expressed herein does not exonerate the user from testing products and performances for the desired application and purpose

