



## TECHNICAL DATA SHEET (TDS)

### VH002 LIMRAX - STONE STRENGTHENER

#### 1. PROPERTIES

**VH002 LIMRAX** Stone Strengthener is a one-component product used for solidifying absorbent mineral natural stones (sandstone, tuff stone, limestone etc.) or cast stones (stucco or fresco). The color of the stone is not intensified and the natural breathing properties of the stone are preserved.

- Easy application due to ready-to-use one-component product.
- Very high contents of active substances.
- Good penetration due to its very fluid consistency.
- Transparent-colorless, therefore suited for light colored natural stones.
- Solventless
- UV and weather conditions -resistant and non-yellowing.
- Water and stain resistant
- Doesn't block the pores of the surface.
- The stone retains its ability to "breathe".

#### 2. APPLICATION AREAS

It is used on natural stones like sandstone, tuff stone, lime stone or cast stones including stucco and terrazzo.

#### 3. INSTRUCTIONS FOR USE

1. LIMRAX is ready to use.
2. Always test in a small inconspicuous area with a 24-hour cure time to determine ease of application and desired results.
3. Allow new grout installations to cure for a minimum of 72 hours prior to application.
4. Make sure surface is clean, dry and free of waxes and coatings.
5. Surface temperature should be between 25°C and 40°C.
6. Ensure that the area is well ventilated during application and until the surface is dry to the touch.
7. Keep children and pets out of the area until foot traffic resumes.

#### ATTENTION!

1. Mask off and protect any baseboards or adjacent areas to avoid splashing sealer onto surfaces not intended to be treated.
2. LIMRAX may be applied to damp surfaces one hour after standing water has been removed.



3. Liberally apply an even coat using a paint pad, roller or brush.
4. Allow LIMRAX to penetrate the surface for 1-2 minutes. During this time, distribute excess over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.
5. The followings coats should be applied successively after initial application as directed in steps 3-4.
6. Wipe entire surface with clean dry towels to remove any excess sealer. If needed to remove residue, reapply a thin coat of LIMRAX, allow dwelling for 2-3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.
7. Full cure is achieved after 24 hours; foot traffic may begin in 4 hours. If foot traffic must resume sooner, cover the floor with red rosin paper to protect it until full cure has been achieved. Red rosin paper is not needed to apply second coat.

#### 4. COVERAGE

10-15m<sup>2</sup>/Lt depending on surface porosity.

#### 5. TOOLS REQUIRED FOR APPLICATION

Brush, spray

#### 6. PACKAGING

| PRODUCT CODE   | VOLUME | PACKAGE |
|----------------|--------|---------|
| Plastic Bottle | 1 Lt   | 12      |
| Plastic Bottle | 5 Lt   | 4       |
| Drum           | 17 Lt  | -       |
| Barrel         | 200 Lt |         |

#### 7. STORAGE AND SHELF LIFE

LIMRAX does not frost resistant in container, must be stored in airtight original containers at temperatures not below 0°C. If stored properly the product has a shelf life of 36 months.

#### 8. CAUTION

- Avoid eye contact.
- If swallowed, seek medical advice immediately and show this container or label

#### 9. SAFETY MEASURES

- Keep out of reach of children.
- Do not get in eyes, on skin, or on clothing.



## 10. TECHNICAL DATA

|            |                                     |
|------------|-------------------------------------|
| Appearance | : White Liquid Emulsion             |
| Odor       | : Typical                           |
| Density    | : $1.02 \pm 0,02$ g/cm <sup>3</sup> |
| pH         | : 8                                 |
| Type       | : Water based                       |