



HYDASEAL SLR 601 SUPER STONE SEALER

ABOUT HYDASEAL SLR 601

HYDASEAL SLR 601 is a nano technology-based impregnating sealer designed to protect highly porous tiles, stones, and grout surfaces. Engineered for both interior and exterior applications, it provides superior penetration and long-lasting surface protection, making it ideal for preserving the appearance and performance of various stone and tile surfaces.

Formulated with advanced nano technology, **HYDASEAL SLR 601** delivers excellent hydrophobic and oleophobic properties. Its weather and UV resistance ensure lasting durability, while the low VOC formulation (after 72 hours) contributes to a safer environment. It is also effective as a pre-grouting sealer, preventing pigment absorption and staining.

HYDASEAL SLR 601 meets **ASTM C-97 / ASTM C97 M-09** standards for water absorption in stone materials.

SURFACE APPLICATION MATERIALS

- Quarry and Glazed tile
- Marble, Granite and Slate
- Terrazzo
- Ceramic, Porcelain and Saltillo tile
- Limestone and flagstone
- Cement grout

APPLICATION AREAS

- Residential, commercial, and outdoor tiled areas
- Bathrooms, kitchens, façades, and other wet/dry zones
- Pre-grouting sealer application on stone and tile
- New installations and restoration of old surfaces

PRODUCT HIGHLIGHTS

- ❖ **NANO TECHNOLOGY BASED** – Enables deeper penetration into porous surfaces for enhanced protection.
- ❖ **HYDROPHOBIC & OLEOPHOBIC** – Offers resistance against water and oil-based stains.
- ❖ **NON-SLIPPERY & HARDER SURFACES** – Treated surfaces become more durable and safer underfoot.
- ❖ **UV & WEATHER RESISTANT** – Suitable for long-term use in outdoor environments.
- ❖ **LOW VOC AFTER 72 HOURS** – Safer for indoor use with minimal emissions after curing.

TECHNICAL DETAILS

APPEARANCE	Clear liquid
SPECIFIC GRAVITY	0.88
PH	8-10

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION GUIDELINES

1. CLEAN & STABLE SURFACE

Ensure the surface is free from dust, loose cement particles, or contaminants. Clean thoroughly using clean water and allow the substrate to dry completely before application of **HYDASEAL SLR 601**. Avoid any traces of moisture and ensure compatibility through a test patch on a small area.

2. EVEN & TRUE BASE

The tile or stone surface must be smooth and level. Any uneven areas should be rectified prior to application. Uneven substrates may result in ineffective sealer penetration.

3. DAMPENING BEFORE APPLICATION

Do not apply on wet surfaces. Ensure the substrate is dry and moisture-free before sealing. Use clean cloths, brushes, or vacuum to ensure the surface is clean and ready for treatment.

4. NEW CONCRETE CURING

If applied on newly laid surfaces like cement grout or concrete tiles, ensure they are adequately cured and dried to prevent sealing over moisture.

5. EXPANSION JOINTS PRESERVATION

Avoid applying **HYDASEAL SLR 601** over joints or cracks that are intended for movement. Subsequent cracking may affect sealer performance.

6. REINFORCEMENT FOR PERFORMANCE

Not applicable for sealer. However, test application is recommended on-site to verify aesthetic outcomes and performance, especially for highly porous natural stones.

HOW TO MIX HYDASEAL SLR 601

- **HYDASEAL SLR 601** is a ready-to-use impregnating sealer—do not mix with water, solvents, or any other chemical agents.
- Shake the container thoroughly for at least 1 minute before opening.
- The product must be used directly from the original company-supplied container.
- Do not dilute or alter the formulation in any way.

- Apply a uniform coat to the surface using a clean white cloth, brush, or roller until the surface appears damp.
- Allow to dwell for 4–5 minutes and wipe off excess using a clean cotton cloth in a circular motion before it dries.
- In case of multiple applications, allow a gap of 6 to 12 hours between coats.
- For pre-grouting sealing, apply **HYDASEAL SLR 601** a minimum of 12 hours prior to grouting to protect surfaces from pigment staining in grout materials.

PRO TIPS & PRECAUTIONS

- ✓ Shake container well before use.
- ✓ Do not allow the sealer to dry on the surface. Wipe off excess within 4–5 minutes.
- ✓ For highly porous substrates, apply a second coat after 6 to 12 hours.
- ✓ Allow minimum 72 hours air curing time for full effectiveness.
- ✓ Do not apply in direct sunlight or on hot surfaces.
- ✓ Test in a small, hidden area before full application to observe any color changes.
- ✓ Do not polish or apply other treatments over sealed surfaces.
- ✓ Only clean treated surfaces with plain water or a suitable neutral pH cleaner specifically designed for sealed surfaces.
- ✓ Store between 10°C and 35°C in tightly sealed original containers.
- ✓ Use gloves during application. Avoid contact with skin, inhalation, or ingestion. Do not smoke during use..

PRODUCT SPECIFICATIONS & STORAGE GUIDELINES

AVAILABLE PACKAGING: 1 Litre, 5 Litres

COLOUR: Clear Liquid

SHELF LIFE:

24 months from the date of manufacture when stored in original, tightly sealed containers.

STORAGE CONDITIONS:

- Store in a cool, dry area (between 10°C–30°C)
- Keep away from heat, direct sunlight, and open flames.
- Ensure the container is tightly sealed after use to prevent contamination or solvent loss.

COVERAGE DETAILS

25 Sft to 500 Sft per litre depending on the substrate's porosity

SAFETY & APPLICATION GUIDELINES - HYDASEAL SLR 601

1. PERSONAL PROTECTION

- Always wear gloves, safety goggles, and appropriate protective clothing while handling or applying **HYDASEAL SLR 601**.
- Keep out of reach of children. Product is intended for professional use only.

2. EMERGENCY PROCEDURES

- **Skin Contact:** Wash thoroughly with clean water and soap.
- **Eye Contact:** Flush eyes with plenty of water for at least 15 minutes and seek medical attention if irritation continues.

3. MIXING GUIDELINES

- **HYDASEAL SLR 601** is a ready-to-use product; do not add water, solvents, or any foreign material.
- Shake the container vigorously for one minute before opening.
- Do not mix with other chemicals or sealers.

4. SURFACE PREPARATION

- Ensure all surfaces are structurally sound, dry, and free of dust, loose particles, or contaminants.
- Clean the surface using clean water and allow it to fully dry.
- Always perform a small-area test to check compatibility with the tile or stone and obtain approval from project manager or homeowner.
- Surface must be moisture-free and cleaned using a clean cloth, brush, or vacuum cleaner before applying the sealer.

5. INSTALLATION & PROTECTION

- Apply **HYDASEAL SLR 601** evenly using a white cloth, roller, or brush until the surface is damp.
- Let the surface sit for 4–5 minutes, then wipe off any excess using a clean white cotton cloth in a circular motion before drying.
- If residue dries on the surface, reapply the sealer and clean again immediately.
- For highly porous stones, multiple coats may be required with a 6–12 hour interval between applications.
- Allow the surface to air cure for 72 hours to achieve full protection.
- For pre-grouting use, apply **HYDASEAL SLR 601** at least 12 hours prior to grouting.

MAINTENANCE

- **HYDASEAL SLR 601** is a maintenance sealer, and treated surfaces require routine and careful maintenance to retain performance.
- Avoid the use of general-purpose or acidic cleaning chemicals on sealed surfaces.
- Plain soft water is recommended for daily or routine cleaning.
- For periodic maintenance, use a neutral, water-based cleaner that is compatible with impregnating sealers.

- Acidic cleaners are **STRICTLY NOT** recommended, as they may damage the sealed surface or reduce effectiveness.
- For complete maintenance instructions, refer to the official Maintenance Manual.

PERFORMANCE LIMITATIONS

- Do not use on non-recommended surfaces.
- Protect metal and wooden surfaces to avoid contact with the sealer.
- Excess product should not be allowed to dry on the surface.
- Slight change in surface color may occur depending on mineral composition.
- Product does not protect against acid etching or mechanical wear.
- Cracks or structural changes after application may compromise performance.
- Reapplication may be necessary based on environmental exposure or traffic levels.
- Avoid post-treatment with polishes, cleaners, or other sealers.

-End of TDS