



ABOUT HYDASEAL SLR 604

HYDASEAL SLR 604 is a silicon and water-based mild penetrating sealer developed to protect natural stone, tile, brick, and grout surfaces from water-based stains. Ideal for interior and exterior applications, this easy-to-apply solution forms a non-flammable, invisible water-repellent layer, preserving the surface appearance while enhancing moisture resistance.

With its UV and weather resistance, **HYDASEAL SLR 604** is suitable for exterior installations exposed to sun and rain. It also helps prevent picture framing when applied to the back and edges of tiles prior to installation. Additionally, it can serve as a grout release by treating ceramic or vitrified tiles before grout application. Its low VOC formulation makes it an environmentally friendly option.

HYDASEAL SLR 604 complies with **ASTM C97 / ASTM C97M – 09** for water absorption resistance in stone materials.

SURFACE APPLICATION MATERIALS

- | | |
|--|---|
|  Brick |  Cement grout surface |
|  Marble and Granite |  Limestone and Sandstone |

RECOMMENDED SURFACES/SUBSTRATES

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|--|---|
|  Natural stone surfaces – interior and exterior |  Grout joints and tile edges |
|  Ceramic / Vitrified tiles for pre-grouting application |  Any area exposed to water or moisture |

APPLICATION AREAS

- | | |
|--|---|
|  Residential and commercial tiling projects |  Outdoor paved or tiled zones |
|  Wet areas like bathrooms and kitchens |  Pre-grouting sealer for tile installation |

PRODUCT HIGHLIGHTS

- ❖ **SILICON & WATER-BASED** – Safe and eco-friendly formulation combining ease of use with protective performance.
- ❖ **MILD PENETRATING SEALER** – Protects against common water-based stains without altering surface appearance.
- ❖ **FORMS INVISIBLE WATER-REPELLENT COATING** – Dries to a clear, non-flammable finish

- ❖ **UV & WEATHER RESISTANT** – Durable for outdoor use in direct sun and rain.
- ❖ **EASY TO USE & LOW VOC** – Simple application process with minimal environmental impact.
- ❖ **GUARDS AGAINST PICTURE FRAMING** – Apply to tile sides and backs before fixing.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION GUIDELINES

1. CLEAN & STABLE SURFACE

Ensure the surface is clean, dry, and free from dust, grease, or any loose particles. Use a clean cloth, brush, or vacuum to clean the substrate before applying **HYDASEAL SLR 604**.

2. EVEN & TRUE BASE

Surface irregularities should be corrected before application. A smooth, level surface ensures uniform penetration of the sealer.

3. DAMPENING BEFORE APPLICATION

Do not apply over moist or damp surfaces. Ensure the area is moisture-free for effective bonding and sealer performance.

4. CURING TIME FOR NEWLY INSTALLED SURFACES

When used on freshly installed stone, tile, or grout, allow a minimum drying time of 24–72 hours prior to application to prevent moisture entrapment.

5. EXPANSION JOINTS PRESERVATION

Avoid application over expansion joints or areas prone to dynamic movement. These zones may compromise the long-term durability of the coating.

6. REINFORCEMENT FOR PERFORMANCE

Carry out a small patch test on an inconspicuous area to evaluate the surface compatibility and check for any undesired visual changes before full-scale application.

HOW TO MIX HYDASEAL SLR 604

- **HYDASEAL SLR 604** is a ready-to-use silicon and water-based impregnating sealer. Do not dilute or mix with other substances.
- Shake the container well for one full minute before use.
- Use directly from the original packaging.
- Apply an even coat using a clean white sponge, brush, or sprayer until surface is damp
- Allow to dwell for 5–10 minutes. Wipe off the excess with a clean, white cotton cloth
- For porous surfaces, allow 6 to 12 hours between multiple coats.
- When used before grouting, ensure application is done at least 24 hours in advance to avoid pigment staining.

PRO TIPS & PRECAUTIONS

- ✓ Shake container well before use.
- ✓ Do not allow excess product to dry on the surface; wipe it off within 4–5 minutes.
- ✓ For very porous stones, apply a second coat after 6–12 hours.
- ✓ Let surface cure in air for 72 hours for full protection.
- ✓ Avoid applying in direct sunlight or onto hot surfaces. .
- ✓ Always test on a small hidden area before full use to assess changes.
- ✓ Do not polish or apply any other treatments post application.
- ✓ For cleaning sealed surfaces, use soft water or neutral cleaners only. Acidic cleaners must be avoided.
- ✓ Store in original sealed containers, in a dry and shaded place between 10°C and 35°C.
- ✓ Wear gloves during application; avoid skin and eye contact. Do not inhale vapors or ingest.

CLEANING OF TOOLS & SURFACE

- Clean application tools such as cloths, brushes, or sprayers immediately after use with fresh water.
- Do not allow **HYDASEAL SLR 604** to dry on polished surfaces, glass, or aluminum—wipe off any residue while still wet.
- Dried residue may cause hazing or white marks on sensitive surfaces.
- For sealed surfaces, clean only with soft water or neutral pH cleaners.
- Do not use acidic or harsh chemical cleaners, as they may degrade the sealer's performance.
- For periodic cleaning, it is recommended to use HYDASEAL CLENZA AQ or equivalent neutral, water-based cleaner..

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

50 Sft to 120 Sft per litre depending on the substrate's porosity

SAFETY & APPLICATION GUIDELINES - HYDASEAL SLR 604

1. PERSONAL PROTECTION

- Always wear gloves, safety goggles, and appropriate protective clothing while handling or applying **HYDASEAL SLR 604**.
- 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 604** 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 604** 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 604** at least 12 hours prior to grouting.

MAINTENANCE

- **HYDASEAL SLR 604** 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