



**HYDA CON**  
Innovative chemical solutions

Technical Data Sheet

**HYDASEAL GLS 605**  
STONE ENHANCER

## ABOUT HYDASEAL GLS 605

**HYDASEAL GLS 605** is a nano-technology based enhancer specifically formulated to revitalize and enrich the appearance of dull, textured stone surfaces. Designed for both interior and exterior installations, it enhances the natural tones of the stone while offering durable protection.

The nano-impregnating formulation ensures deeper penetration into the substrate, resulting in improved surface hardness and reduced slipperiness. It is UV and weather resistant, making it suitable for long-term exposure to the elements. **HYDASEAL GLS 605** is user-friendly and can be easily applied without specialized equipment.

**HYDASEAL GLS 605** conforms to **ASTM C97 / ASTM C97 M-09** standards for water absorption performance in stone materials.

## SURFACE APPLICATION MATERIALS

- Flamed granite
- Textured natural stone
- Tumbled marble
- Flamed limestone

## PRODUCT HIGHLIGHTS

- ❖ **NANO TECHNOLOGY BASED** – Deep penetrating formula enhances natural texture and tone.
- ❖ **HARDER & NON-SLIPPERY SURFACES** – Treated surfaces become firmer with better grip.
- ❖ **UV & WEATHER RESISTANT** – Suitable for long-term outdoor exposure.
- ❖ **EASY TO USE** – No special tools required for application.

## TECHNICAL DETAILS

<b>APPEARANCE</b>	<b>partially clear</b>
<b>SPECIFIC GRAVITY</b>	<b>0.860</b>
<b>PH</b>	<b>8-10</b>

## APPLICATION INSTRUCTIONS

### HOW TO MIX HYDASEAL GLS 605

- **HYDASEAL GLS 605** is a ready-to-use product. Do not dilute or mix with other liquids.
- Shake the container thoroughly for at least 1 minute before use.
- Apply directly from the original container supplied by the manufacturer.
- Apply a uniform coat using a clean white cloth, paint brush, or roller until the surface appears damp.
- Allow 4–5 minutes of dwell time, then wipe off any excess with a clean, dry white cloth in circular motion before it dries.
- For high-absorption substrates, a second coat may be applied after 6 to 12 hours.
- If using as a pre-grouting sealer, apply at least 24 hours before grouting to avoid grout stains.

### 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 stones, apply a second coat after 6–12 hours.
- ✓ Allow 72 hours air curing for full protection.
- ✓ Always test in a small, hidden area before full use to assess surface compatibility and color changes.
- ✓ Do not polish, clean, or apply additional surface treatments after sealer application.
- ✓ For cleaning, use only plain water or neutral pH cleaners—avoid acidic cleaners.
- ✓ Store in a cool, dry area between 10°C and 35°C, tightly sealed in original containers.
- ✓ Use gloves. Avoid contact with skin, inhalation, or ingestion. Do not smoke during application

## PRODUCT SPECIFICATIONS & STORAGE GUIDELINES

**AVAILABLE PACKAGING:** 1 Litre, 5 Litres

**COLOUR:** partially Clear

**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–35°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 400 Sft per litre depending on the porosity of the substrate

## SAFETY & APPLICATION GUIDELINES - HYDASEAL GLS 605

### 1. PERSONAL PROTECTION

- Always wear gloves, safety goggles, and appropriate protective clothing while handling or applying **HYDASEAL GLS 605**.
- 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 GLS 605** is ready to use; do not dilute with water, solvents, or any other liquids.
- Shake the container well for one minute before opening.
- Do not mix with other chemicals or sealers.

### 4. SURFACE PREPARATION

- Ensure surfaces are clean, dry, and free of dust, loose particles, or cementitious material.
- Clean the surface using clean water and allow it to fully dry.
- Perform a small patch test in an inconspicuous area to confirm compatibility and obtain approval from the project authority.
- Surface must be moisture-free and cleaned using a clean cloth, brush, or vacuum cleaner before applying the sealer.

### 5. INSTALLATION & PROTECTION

- Apply **HYDASEAL GLS 605** evenly over the surface using a clean white cloth, roller, or paintbrush until damp.
- Work in 25–50 sq. ft. areas at a time. Let sit for 4–5 minutes, then remove excess product using a clean cotton cloth in a circular motion before drying.
- If any residue dries on the surface, reapply the product and wipe immediately.
- For porous stones, multiple applications may be required with a gap of 6–12 hours between coats.
- Open to light traffic after 2–5 hours. Avoid staining agents for 72 hours after application.
- For enhanced performance, a compatible sealer may be applied prior to **HYDASEAL GLS 605** with a minimum 1-hour interval.

## MAINTENANCE

- **HYDASEAL GLS 605** is a maintenance sealer; surfaces treated should be cleaned using only soft water.
- Avoid harsh or acidic cleaners which can degrade performance.
- 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.
- Do not polish, treat, or recoat the surface post-application
- 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.
- Do not allow excess product to dry on the stone surface.
- Colour change may occur on certain natural stones as the product enhances visual depth.
- Product does not prevent acid etching or heavy wear marks.
- Depending on usage and exposure, reapplication may be needed.
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**-End of TDS**