

Gypsil G750 TDS 2026

2026

TDS GYPSIL G750

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7. Product Introduction

GYPSIL G750 is a liquid additive designed to improve the resistance of plaster against water and moisture penetration. This product is intended for use in gypsum mortars and plasters with the aim of reducing water absorption, increasing surface durability, and helping to preserve plaster quality in environments with occasional moisture. According to the official introduction by Ratyan company, GYPSIL is one of the company's special products and is offered for building and technical gypsum-related applications.

2. Applications

- Interior wall and ceiling gypsum plasters
- Preparing gypsum mortars that require increased moisture resistance
- Application in semi-humid spaces, provided execution details and final waterproofing are observed
- Construction, renovation projects, and decorative gypsum components

3. Benefits

- Reduces water absorption and permeability of gypsum
- Helps increase the durability of gypsum plaster against moisture
- Easy to mix and apply with gypsum
- Helps preserve appearance and surface cohesion after drying

- Suitable for professional construction applications after performing a test sample

4. How to Use

Shake the product container well before use.

Mix the required amount of G750 first with the water used to mix the gypsum to obtain a uniform solution.

Pour the prepared solution into the mixing container and gradually add gypsum, mixing until a homogeneous mortar is reached.

The consumption ratio should be determined by the technical department or based on a sample test, depending on the type of gypsum, site conditions, and the expected performance level.

Do not add the product directly to dry gypsum without prior mixing with water.

5. Technical Specifications

- Appearance: Liquid
- Base: Additive solution for making gypsum and lime mortars water-repellent
- Color: Amber to brown
- Density: 1.2 g/cm³
- pH: 10
- Consumption rate: 1:200 of clean water

6. Execution Notes and Limitations

- Trial application under real project conditions is mandatory before widespread use.
- The substrate must be dry, stable, and free of any surface moisture, grease, and contamination.

- Do not use the product in very low temperatures, freezing conditions, or extreme heat.
- G750 is not a replacement for a complete waterproofing system where there is constant water contact, water pressure, or immersion.
- For selection of application methods in specific projects, coordinate with Ratyan's technical department.
- Ambient temperature above 20°C is required.

7. Manufacturer Information and Contact

Manufacturer / Brand: Ratyan Company – GYPSIL brand

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8. Packaging

Available in 250 g, 1 kg, and 220 kg drums.

Conditions of supply: Sealed lid and labeled with product specifications, batch code, and production date.

9. Storage Conditions and Shelf Life

Keep the product in its original, intact, and closed packaging. Store in a dry, cool place away from direct sunlight. Prevent freezing, extreme heat, and storage near incompatible materials. Shelf life: Duration from production date – requires confirmation by Ratyan's technical department.

10. Safety and First Aid

Wear gloves, safety goggles, and appropriate work clothing while handling. Avoid prolonged contact with skin and eyes. In case of skin contact, wash the area with water and soap. In case of eye contact, rinse with plenty of water for several minutes and seek medical attention if irritation persists. Do not ingest; if swallowed, contact a physician or medical center immediately. Keep out of reach of children. For more complete information, refer to the product SDS.

11. Document Control

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