

TECHNICAL DATA SHEET

Product Name: MARMOQUARTZO

Registered Office:

MARMO SOLUTIONS PVT. LTD.

(AN ISO 9001:2015 CERTIFIED COMPANY)

MUMBAI: 47A, Ground And First Floor, Parmar
Compound, Highway Road, Vile Parle East,
Mumbai – 400099

DELHI : WHS, 1/18, 2nd Floor Kirti Nagar, Near
Richi Rich, New Delhi - 110015

Customer No: +91 11 40586081

Web.: www.marmosolutions.com

For any query/feedback

E-Mail: info@marmosolutions.com

CIN : U74140DL2013PTC252178

E-Mail ID: info@marmosolutions.com

Office hours: Monday to Saturday (10AM-6PM)



1. Product Description:

MARMOQUARTZO is a premium-grade, high-purity quartz sand manufactured from carefully selected silica-rich quartz to provide exceptional strength, durability, and consistent performance in construction applications. Processed to achieve a controlled particle size distribution with minimal impurities, it enhances the mechanical properties and workability of cementitious and resin-based systems.

Manufactured by:

ANAV INDUSTRIES

Address: Khewat No. 1358/1151,

Khatoni No. 1461, Main NH-9, Near Toll Plaza, Village

Rohad, Dis. Jhajjar, Haryana-124501

Marketed By/ Exporter:

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2. Product Features:

- High-purity graded quartz sand.
- Uniform particle size distribution.
- Excellent compressive strength.
- Enhances abrasion resistance.
- Improves adhesion and bonding.
- Reduces shrinkage in cementitious systems.
- Excellent workability and flow characteristics.
- Low moisture content.
- Chemically inert and stable.
- Suitable for cementitious and resin-based applications.
- Compatible with plaster, screeds, concrete, and flooring systems.
- Consistent quality for professional construction applications.

3. Application:

- Improving compressive strength
- Increasing abrasion resistance
- Surface levelling applications
- High-performance flooring systems
- Cementitious repair mortars
- Polymer-modified mortars
- Stone installation systems
- Construction requiring controlled aggregate grading

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4. Product Specifications:

- **Appearance:** Free-flowing granular sand
- **Chemical Base:** High- Purity Quartz (SiO_2)
- **Colour:** Off-white to light beige
- **SiO_2 Content:** $\geq 99\%$
- **Moisture Content:** $\leq 0.5\%$
- **Packaging:** 20KG , 50KG
- **Bulk Density:** 1.50-1.70 g/cm³
- **Specific Gravity:** 2.60-2.65
- **Water Absorption:** Very low
- **Chemical Stability:** Excellent
- **Coverage:** Approx. 20 Kg/m² at 10 mm thickness
- **Shelf Life:** Unlimited when stored in dry conditions

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5. Application Guidelines:

Surface Preparation

Ensure all substrates are structurally sound, clean, and free from dust, grease, oil, and loose particles before application.

Mixing:

Blend MARMOQUARTZO uniformly with cementitious binders, polymers, or resin systems according to the recommended mix design.

Use clean water and mechanical mixing equipment to achieve a homogeneous mixture.

Application:

Apply the prepared mix using suitable construction methods based on the intended application, such as screeding, plastering, floor levelling, or repair works.

Curing:

Follow the curing recommendations applicable to the cementitious or resin system being used.

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6.DO'S & DON'TS

• DO'S

- Do store the material in a dry and moisture-free environment.
- Do use clean water and clean mixing equipment.
- Do ensure uniform mixing before application.
- Do protect opened bags from moisture contamination.
- Do follow the recommended mix design for cementitious or resin systems.
- Do wear appropriate dust protection during handling.
- Do keep the material free from contamination.

• DON'TS

- Do not use contaminated or moisture-affected material.
- Do not mix with dirty water or contaminated aggregates.
- Do not store directly on damp floors.
- Do not expose opened bags to rain or excessive humidity.
- Do not use material containing lumps formed due to moisture absorption.
- Do not alter the specified aggregate grading by mixing different particle sizes unless required by the mix design.
- Do not dispose of waste material into drains or watercourses.
- Do not inhale dust during handling.

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7.Storage and Handling:

Storage

- Store in unopened bags in a cool, dry, and covered area.
- Protect from moisture and direct contact with water.
- Stack bags on pallets above ground level.
- Keep packaging tightly closed after opening.

Handling

- Wear gloves, safety glasses, and a dust mask during handling.
- Avoid generating excessive dust.
- Wash hands thoroughly after handling.
- Keep out of reach of children.

Health & Safety

- Avoid inhalation of dust during handling and mixing.
- Wear appropriate respiratory protection where dust levels are high.
- Avoid contact with eyes.
- In case of eye contact, rinse immediately with clean water.
- Wash exposed skin thoroughly after handling.
- Dispose of unused material and empty bags in accordance with local environmental regulations.

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