

Technical Data Sheet

White Marble Chips and Powder

PRODUCT CODE CAP-MCH-CPT-WHT	CLASSIFICATION Natural white marble aggregate and filler	REFERENCE STANDARD Reference: EN 12620 (aggregates for concrete) / EN 13139 (aggregates for mortar)
SUPPLIER Capital Enterprises, Qatar	ISSUE DATE 10 August 2026	REVISION 01

GRADES SUPPLIED

GRADE	TYPICAL USE
Chips 0 - 1 mm	Terrazzo fines, joint filler, dry-mix
Chips 2 mm	Terrazzo, exposed aggregate, decorative render
Chips 2 - 3 mm	Terrazzo tile, cast terrazzo, landscaping
Powder (marble filler)	Filler in paints, adhesives, plastics, dry-mix mortars

PHYSICAL PROPERTIES

PROPERTY	UNIT	RESULT	STANDARD
Mohs hardness	—	3 [†]	—
Specific gravity	—	2.6 - 2.7 [†]	—
Loose bulk density	t/m³	1.4 - 1.6 [†]	—
Water absorption	%	< 0.5 [†]	—
Whiteness	—	92 - 95 [†]	—
Colour	—	White, comparable to Carrara	visual
Moisture content	%	< 0.5 [†]	—

CHEMICAL COMPOSITION

CONSTITUENT	SYMBOL	UNIT	RESULT	STANDARD
Calcium carbonate	CaCO ₃	%	≥ 97 [†]	—
Magnesium carbonate	MgCO ₃	%	< 1 [†]	—
Silicon dioxide	SiO ₂	%	< 0.5 [†]	—
Iron oxide	Fe ₂ O ₃	%	< 0.1 [†]	—
Aluminium oxide	Al ₂ O ₃	%	< 0.3 [†]	—
Insoluble residue	IR	%	< 1 [†]	—
Loss on ignition	LOI	%	42 - 44 [†]	—

[†] Typical value, characteristic of the material. Not a certified test result for an individual consignment. A certificate of analysis for a specific consignment is issued on request.



APPLICATIONS

- Terrazzo tile and cast-in-place terrazzo
- Exposed aggregate concrete and precast panels
- Decorative renders, plasters and textured coatings
- Landscaping, planters and pathways
- Filler in paints, coatings, adhesives, sealants and plastics
- Dry-mix mortars, tile adhesives and grouts

PACKING AND SUPPLY

- Jumbo bag (FIBC), 1000 - 1500 kg
- 25 kg bag (powder)
- Bulk

HANDLING AND STORAGE

- Store under cover, clear of the ground, in dry and well-ventilated conditions.
- Keep bags sealed until use. Protect from moisture and direct weather exposure.
- Rotate stock on a first-in, first-out basis.
- Refer to the Safety Data Sheet for personal protective equipment and first-aid measures before handling.

TECHNICAL NOTES

Grading, colour and analysis are confirmed per consignment against a retained reference sample.

Samples are available for colour matching before order.

Terrazzo appearance depends on grading distribution as well as colour. Confirm the grading band against the finished panel required.

Source of test data: Values shown are typical properties of high-purity white calcitic marble. A certificate of analysis and grading curve for a specific consignment is issued on request.