ALVERTEX® PRIMIX-70 SUPER WHITE

TECHNICAL PROPOSAL

For Technical Directors / R&D Departments

Subject: Technical proposal for ALVERTEX® PRIMIX-70 SUPER WHITE

ALVENTUS is pleased to present ALVERTEX® PRIMIX-70 SUPER WHITE for technical evaluation in demanding dry-mix and specialty mortar applications. The product is a high-whiteness hydraulic calcium aluminate binder based on CA and CA_2 phases, designed for reliable processing, high colour purity and rapid early-strength development.

69.8%	29.1%	93.1
Al_2O_3	**CaO**	**Hunter Whiteness**
Representative batch	Representative batch	Representative batch

Representative batch results also include Fe_2O_3 0.05%, specific surface area 4,845 cm²/g, ASTM Flow 79 and initial setting of 200 minutes.

Key product strengths

Feature	ALVERTEX® PRIMIX-70 SUPER WHITE
Whiteness	Hunter 92–94; guaranteed ≥90
Fineness	Blaine 4,300–4,500 cm²/g; guaranteed ≥4,200
Early strength	30–40 MPa / 6 h; 50–65 MPa / 24 h; 55–67 MPa / 72 h
Setting	Initial 140–200 min; final 150–230 min
Mineralogy	CA and CA_2
Applications	Self-leveling, screeds, decorative mortars, terrazzo, technical mortars and grouts

Proposed technical evaluation

Stage	ALVENTUS approach
1. Sample	Provide ALVERTEX® material and technical documentation.
2. Laboratory trial	Evaluate water demand, flow, workability, setting, strength and colour.
3. Formulation optimisation	Adjust dosage or formulation parameters where required.
4. Industrial validation	Support controlled production testing after successful laboratory results.

ALVENTUS Technical Support

ALVENTUS combines reliable supply of ALVERTEX® PRIMIX-70 SUPER WHITE with technical documentation, sample support and formulation assistance. Our objective is to help the customer establish a technically validated and commercially reliable solution for the final formulation.

Recommended next step: provide an ALVERTEX® sample and begin a controlled laboratory evaluation in the customer's target formulation.

ALVENTUS | Technical Support & B2B Inquiries
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