ALVERTEX® FASTONE I

TECHNICAL PROPOSAL

For Technical Directors / R&D Departments

Subject: ALVERTEX® FASTONE I — fast setting and fast hardening accelerator

ALVENTUS presents ALVERTEX® FASTONE I for technical evaluation in cementitious mortars and concrete where very fast setting and high early strength are required. The PDS states 10–30 MPa after 6 hours and allows setting time to be controlled with a retarding agent up to one hour.

6,000	5–25%	10–30 MPa
Blaine, cm²/g	addition by cement weight	strength after 6 h

Key Benchmark

Feature	ALVERTEX® FASTONE I
Setting	Within 1 minute without retarder with OPC
Early strength	10–30 MPa after 6 hours
Working time	Adjustable with retarder up to 1 hour
Shrinkage	Compensation through expansion characteristics
Watertightness	Increased watertightness is stated
Crack resistance	Excellent crack resistance is stated

Proposed Next Step

Conduct a controlled laboratory evaluation of ALVERTEX® FASTONE I in the customer's target formulation, measuring dosage, setting time, working window, early strength and deformation.

ALVENTUS provides technical documentation, samples and support in selecting dosage and retarder. The objective is to establish a technically validated solution suitable for further industrial validation.

ALVENTUS | Technical Support & B2B
info@alventus.eu | +48 721 451 451