

Trial requirements

(Requirements for evaluating a rapid-hardening mix design)

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SECTION 1: Required materials for internal Concretum laboratory trials

1.1 Cement (CEM I 52.5 R):	4 kg
1.2 Aggregate sand up to grain size 4 mm:	10 kg
1.3 Air entraining admixture:	0.5 kg
1.4 Usage:	Internal compatibility trials



SECTION 2: Required documents and information for Concretum

2.1 Technical data sheets (TDS)

- > of each aggregate fraction (all sand and gravel types) used for the final mix design (aggregate size distribution, spec. density)
- > of the cement (composition, chemical and mechanical characteristics, blaine value, spec. density, ...)
- > of the air entraining admixture (chemical base)

2.2 Mix design of an already used standard pavement quality concrete

2.3 Local concrete specs and requirements of the client

2.4 Delivery address and local contact at the concrete batch plant

2.5 Name and contact information of person authorized to sign and approve import documents for custom purposes

SECTION 3: Delivery address for material for Concretum laboratory trials

Please send the required materials (section 1) to: Concretum AG
Mr. Christian Huber
Hardstrasse 8
CH-8424 Embrach
Switzerland
mail: ch@concretum.com
phone: +41 43 321 87 45



SECTION 4: Time schedule

4.1 Delivery of all required material and documents to Concretum:	approx. 1 week
4.2 Concretum laboratory testing incl. analysis and mix design proposal:	1 week
4.3 Delivery of Concretum components to the concrete batch plant:	1 - 3 weeks
4.4 Batch plant set-up and trials (lab equipment required on site):	1 - 3 days