

MATERIAL TEST CERTIFICATE

STANDARD REFERENCE DOCUMENT — CHEMICAL ANCHOR CARTRIDGE

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PRODUCT INFORMATION

Product Name	CANCO Chemical Anchor Cartridge	Reference Size	Typical 280 ml; other sizes available on request
Product Category	Two-Component Chemical Anchoring Cartridge	Base Materials	Concrete, stone, brick and masonry
Material System	Epoxy Resin System — Two-Component High-Strength Adhesive	Components	Epoxy resin + hardener / dual cartridge system
Packaging	Standard cartridge with mixing nozzle	Supply	Standard cartridges, bulk supply and private labelling

PRODUCT IDENTIFICATION



Construction: Two-component epoxy resin chemical anchoring cartridge supplied with a mixing nozzle.

Bonding principle: Resin and hardener are dispensed through the mixing nozzle to create a strong, durable bond between threaded rods, rebars or fasteners and solid substrates.

Typical applications: Structural anchoring, rebar fixing, heavy machinery installation, facade and cladding fixing, construction, infrastructure and industrial anchoring.

Performance characteristics: High load capacity, excellent chemical resistance, non-shrink bonding, fast curing and suitability for vertical and overhead applications.

MATERIAL / COMPONENT SPECIFICATION

Component	Material / Specification	Inspection / Requirement
Resin component	Epoxy resin system / high-strength adhesive formulation	Resin quality and batch verification
Hardener component	Matched hardener in dual-cartridge system	Component / batch verification
Mixing nozzle	Static mixing nozzle supplied with cartridge	Visual and functional inspection
Cartridge	Standard cartridge; typical capacity 280 ml	Dimensional and packaging inspection

REFERENCE SPECIFICATION

Parameter	Reference Value	Qualification
Nominal cartridge size	Typical 280 ml	Other sizes available on request
Adhesive system	Two-component epoxy resin system	High-strength formulation
Base materials	Concrete, stone, brick and masonry	Use according to approved application
Curing	Fast curing	Allow curing before applying load

INSTALLATION / PERFORMANCE REQUIREMENTS

Parameter	Requirement	Status
Hole preparation	Drill hole to required diameter and depth; clean thoroughly using blow-brush-blow method	Critical requirement
Initial dispensing	Insert mixing nozzle and dispense initial material before filling the anchor hole	Required
Chemical filling	Fill drilled hole with mixed chemical to the specified quantity	Required
Anchor installation	Insert anchor rod with slight rotation	Required
Curing / loading	Allow recommended curing time before applying load	Critical requirement

QUALITY INSPECTION

Inspection Item	Status	Record
Cartridge / dimensional inspection	✓ REQUIRED	Inspection report
Resin / hardener quality	✓ REQUIRED	Quality / batch record
Curing / performance verification	✓ REQUIRED	Product / batch record
Load / pull-out testing	ON REQUEST	Test record where specified
Batch traceability	AVAILABLE	Batch documentation

STORAGE / PACKAGING

Item	Requirement	Availability
Storage	Store in a cool and dry place away from direct sunlight	Required
Packaging	Standard cartridge with mixing nozzle	Available
Supply	Bulk supply and private labelling available	Available

MANUFACTURER'S DECLARATION

Declaration — This standard reference MTC identifies the CANCO Chemical Anchor Cartridge and summarizes the material, component, installation, inspection, storage and application requirements supported by the supplied technical specification. Actual batch-specific resin formulation, cartridge capacity, batch traceability and any mechanical/load test results shall be reported against the confirmed customer order and applicable batch documentation. This document is not an ETA, DoP or third-party product approval.

For CANCO Fasteners

Authorized Signatory

REFERENCE NOTICE

The supplied Canco specification confirms an epoxy resin two-component system, typical 280 ml cartridge with mixing nozzle, concrete, stone, brick and masonry applications, fast curing, high load capacity, excellent chemical resistance, non-shrink bonding, and suitability for vertical and overhead applications. Installation requires drilling, blow-brush-blow cleaning, controlled dispensing through the mixing nozzle, filling the hole, inserting the anchor rod with slight rotation and allowing curing before loading.

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