

MATERIAL TEST CERTIFICATE

STANDARD REFERENCE DOCUMENT — CHEMICAL ANCHOR

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PRODUCT INFORMATION

Product Name	CANCO Chemical Anchor	Reference Size	Multiple diameters and lengths*
Product Category	Chemical Anchoring System	Substrates	Concrete and masonry substrates
Rod Material	Carbon Steel / High Tensile Steel (8.8 / 10.9) / Stainless Steel AISI 304 / 316	Resin Type	Polyester / Vinylester / Epoxy / Capsule or Injectable
Rod Finish	Zinc Plated / Hot-Dip Galvanised / Plain / Stainless Natural Finish	Manufacturing	As per applicable international standards or customer specifications

PRODUCT IDENTIFICATION

	Construction: Chemical anchoring system consisting of a threaded rod, resin capsule or injectable chemical compound, and drilled-hole preparation. Bonding principle: Strong bonding between threaded rod or rebar and base material through chemical adhesion. Typical applications: Structural steel connections, base plate anchoring, rebar doweling, machinery installation, bridge/infrastructure projects and heavy equipment fixing. Reference configuration: Available in multiple diameters and lengths, e.g. M8 to M30 or as required. Custom lengths available subject to drawing approval.
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MATERIAL / COMPONENT SPECIFICATION

Component	Material / Grade	Inspection / Requirement
Threaded Rod	Mild / Carbon Steel; High Tensile Steel 8.8 / 10.9; Stainless Steel 304 / 316	Material and dimensional verification
Resin Capsule / Injectable Chemical	Polyester / Vinylester / Epoxy	Resin grade as specified / ordered
Washer and Nut	If applicable, as per ordered configuration	Visual and dimensional inspection
Surface finish	Zinc plated; Hot-dip galvanised; Plain; Stainless natural finish	Finish verification as ordered

REFERENCE DIMENSIONAL CONFIGURATION

Parameter	Reference Value	Qualification
Nominal diameter	Multiple sizes; e.g. M8 to M30	Exact size to be confirmed from approved drawing / purchase order
Rod length	Multiple lengths available	Custom lengths subject to drawing approval
Thread configuration	As specified	Verify against final product specification
Resin type	Polyester / Vinylester / Epoxy	Select according to application and ordered configuration

INSTALLATION / PERFORMANCE REQUIREMENTS

Parameter	Requirement	Status
Hole preparation	Proper hole drilling and cleaning using blow-brush-blow method	Critical requirement
Resin installation	Correct resin injection / capsule installation as applicable	Critical requirement
Curing	Curing time varies with resin type and ambient temperature; follow recommended procedure	Required
Pull-out testing	Testing available upon request	On request
Load capacity	Depends on resin type, substrate and installation conditions	No Canco numeric rating supplied

No fabricated SWL, pull-out, shear or load-capacity value is included because the supplied Canco technical specification does not provide a numeric Canco rating.

QUALITY INSPECTION

Inspection Item	Status	Record
Dimensional inspection	✓ REQUIRED	Inspection report
Thread gauge verification	✓ REQUIRED	Gauge / inspection report
Tensile strength testing	✓ REQUIRED	Test record where specified
Pull-out testing	ON REQUEST	Pull-out test record where specified
Material certification	AVAILABLE	EN 10204 3.1 upon request

MANUFACTURER'S DECLARATION

Declaration — This standard reference MTC identifies the CANCO Chemical Anchor and summarizes the material, manufacturing, inspection and application requirements supported by the supplied technical specification. Actual batch-specific chemistry, dimensions, resin batch details, material certificates 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 carbon, high tensile and stainless steel rod options; polyester, vinylester and epoxy resin options; zinc plated, hot-dip galvanised, plain and stainless natural rod finishes; threaded rod, resin capsule/injectable chemical, and washer/nut where applicable; thread rolling/cutting, heat treatment where applicable, surface finishing/coating, quality inspection and dimensional control; dimensional, thread gauge, tensile, pull-out on request and material certification testing; and applications including structural steel, base plate anchoring, rebar doweling, machinery, bridge/infrastructure and heavy equipment fixing.

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