Fresh Concrete Bleeding Test Apparatus

LT-C0065 | Determination of water accumulating at the surface

Approx. 14 litres • Cylindrical test container • Interval water collection



~14 L

APPROXIMATE CONTAINER VOLUME

6 kg

APPARATUS WEIGHT

ASTM C232 / C232M • EN 480-4 • Internal size: approx. Ø255 × 280 mm

LT-C0065

Photographs and Components

Cylindrical body, lid, carrying handles and internal working surface

The bleeding test apparatus holds a fresh concrete specimen for measuring mixing water rising to the surface. The operator collects surface water at specified intervals and records each quantity. Results support comparisons of bleeding behaviour between mixtures.

LID

The lid covers the top of the test container. Use it during the test as required by the selected method.

CARRYING HANDLES

Side handles assist placement and transport. Avoid disturbing the prepared specimen during the test.



TEST CONTAINER

The cylindrical bowl holds the specimen. Its approximate 14-litre volume and geometry support preparation.

INTERNAL WORKING AREA

Internal dimensions of approximately Ø255 × 280 mm define the working space for the concrete specimen.



Lid and upper opening details



Stainless-steel container and lid view

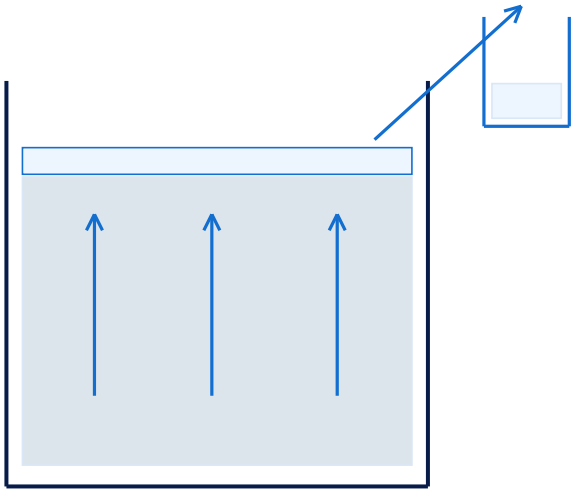
LT-C0065

Bleeding Principle and Water Collection

Prepare specimen • Keep stable • Collect water at intervals • Record quantity

WATER RISING TO SURFACE • SCHEMATIC SECTION

BLEED WATER AT THE SURFACE



FRESH CONCRETE SPECIMEN

EACH COLLECTION: TIME + WATER QUANTITY

TOTAL BLEED WATER: SUM OF COLLECTED QUANTITIES

Prepare the Specimen

Place and compact concrete to the method. Keep the container on a level, stable, vibration-free surface.

Collect Water

Carefully remove accumulated surface water at the specified intervals. Avoid disturbing the concrete.

Record and Evaluate

Record time and quantity for each collection. Calculate total water and the result required by the method.

Bleeding occurs as solid particles settle and part of the mixing water rises to the surface. Record the test using time and collected quantity. Calculate total amount, rate or relative result according to the selected standard’s definitions.

Time and Quantity Records

Record test start, specimen identification and method. For every collection, note elapsed time and the amount of water removed. Use consistent measurement units.

Add collected quantities to determine total bleed water. Where a relative result is required, calculate specimen mixing-water content according to the method; keep different result definitions distinct.

Mix Comparison and Cleaning

Keep specimen preparation, compaction, holding conditions and collection consistent when comparing mixtures. Evaluate bleeding with other fresh and hardened concrete properties.

Do not move the container or vibrate the specimen during testing. Clean the internal surface and lid after use. Check cleanliness and container condition before the next test.

Specifications and Use

LT-C0065 • Specimen container and working features for bleeding tests

Technical Feature	Value / Description
Product Code	LT-C0065
Product Name	Fresh Concrete Bleeding Test Apparatus
Application	Determination of fresh concrete bleed water
Capacity	Approximately 14 litres
Internal Diameter	Approximately 255 mm
Internal Height	Approximately 280 mm
Internal Dimensions	Approximately Ø255 × 280 mm
Overall Dimensions	29 × 25 × 35 cm
Weight	6 kg
Material	Stainless steel
Container Geometry	Cylindrical test container
Test References	ASTM C232 / C232M; EN 480-4

Collect Water Without Disturbing Concrete

Keep the container stable and vibration-free. Avoid disturbing the concrete surface during collection; follow the selected method for intervals and result calculations.

Bleeding Test Workflow

01
Fill and Prepare
Place specimen and compact to the method.

02
Keep Stable
Keep the container level and vibration-free.

03
Collect Water
Remove surface water at specified intervals.

04
Record and Clean
Record time and quantity; clean the container.

Product Page | liyatest.com.tr/en/urun/fresh-concrete-bleeding/