

Product Presentation



Concrete Quality

The ultimate solution for the concrete industry!

Materials, testing, QA/QC & mix designs

Easy to use - Professional results

Learn, share information & expertise

Try it for free, no obligations!



Concrete Quality

Software for Concrete QA/QC & Mix Design

Special Feature Presentation



Quality Mix

Mix Design Calculation & Optimization

Intelligent mix design calculator



Quality Mix enables the mix design calculation and optimization features.

Powerful and convenient!



Quality Mix is the best way to create new mix designs and optimize existing ones. Seamlessly integrated in the system, you can easily use all the raw materials information in your database, save your new mix designs and get them ready to be tested.

You can still manually create and manage mix designs without it, but once you try it you'll never want to let go!

Quality Mix includes

- Step by Step mix design
- Expert Mode mix design
- ACI 211.1 method(*)
- Self Compacting Concrete (SCC) & Shotcrete references
- Many mix design methods: 0.45 Power Chart, Fuller, Bolomey, more+!

* Included in the American Way Expert subscription.

**DESIGN
SMART
Quality Mix** with

Friendly and intuitive



Quality Mix guides you through the mix design process, it's useful for beginners and experts.

It gives you design, casting and curing recommendations.

The screenshot displays the 'Concrete Quality®' software interface. The top navigation bar includes 'Private Area', 'My Playground', and 'PLAYGROUND MODE'. Below this is a menu with 'Main', 'Lab & Testing', 'Raw Materials', 'Concrete QA/QC', 'Mix Designs', 'Global Vision', 'The American Way', 'Communications', and 'Subscriptions'. The main content area is titled 'Step by step design' and shows a progress bar with four steps: 'Step 1: Goal', 'Step 2: Components', 'Step 3: Design method', and 'Step 4: Result'. The 'Step 1: Goal' section is active, showing a grid of seven steps: 1. Design compressive strength (25 MPa), 2. Select element type (Column), 3. Select concrete pouring means (Pumped), 4. Select slump range (Fluid), 5. Select the desired finishing (Exposed aggregate (washed)), 6. Select ambient conditions when casting (Cold weather, Long transport), and 7. Exposure Environment (Abrasive environment, Freeze/thaw cycles, Salt water (sea or brackish), Sulfate exposure, Moderate). A 'Next step' button is visible on the right.

Step by Step



The 4 steps of the mix design process:

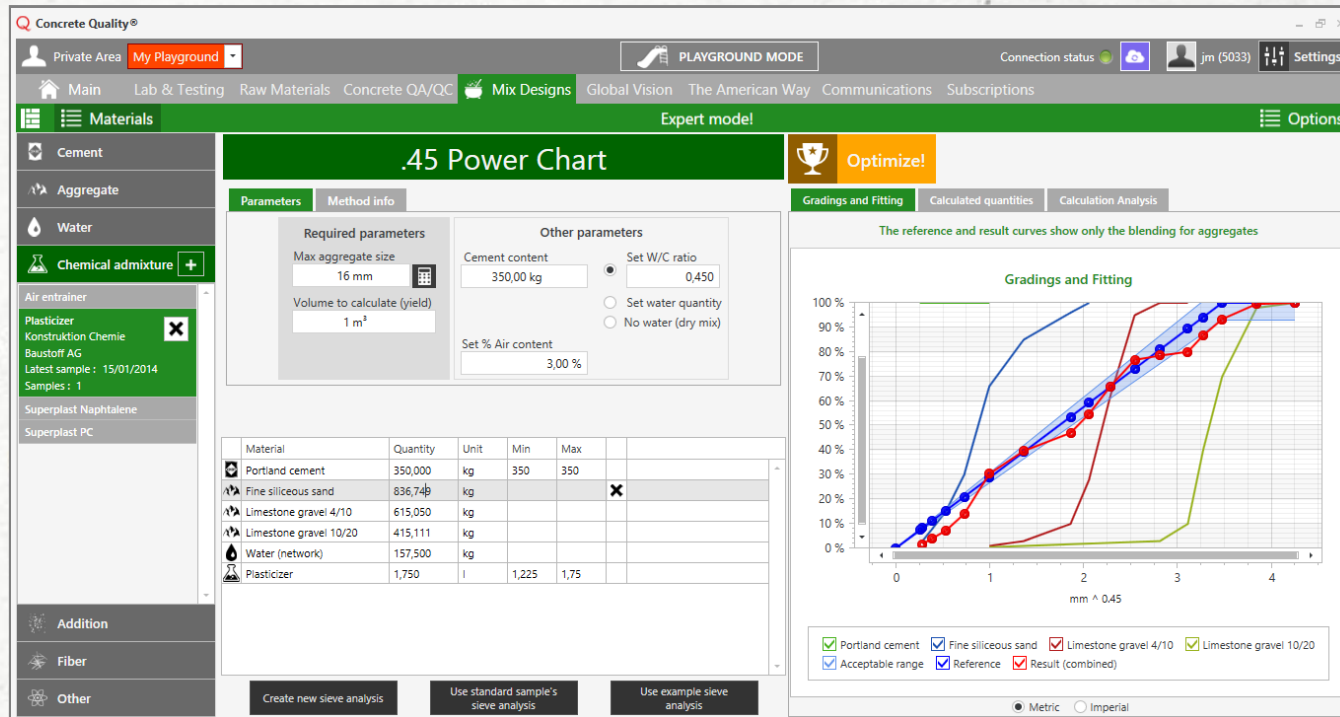
- Goals: define the type of concrete you need, element type and casting conditions
- Components: select the raw materials available, define min/max quantities if you like
- Design method: select the best mix design method or let Quality Mix recommend one
- Result: obtain your new mix design, analyze it and receive recommendations and warnings

Fast and simple



Quality Mix has an Expert Mode that allows experienced users to quickly select materials and define conditions to test several mix designs.

Design in just minutes!



Expert Mode



All you need at a glance:

- Raw materials selection with an intuitive drag & drop system
- Method selection and configuration
- Define minimum, maximum or set quantities for any material
- International and imperial units – mass or volume

Unlimited flexibility



With Quality Mix you can create concrete mix designs that comply with any standard, using any unit type and mixing mass and volume units.

Unlimited potential!

✓ **Uses already available information**

- Uses all the materials and test results already in your database
- If you lack key information Quality Mix will use standard values for each material type
- You can select the sample and sieve analysis test that will be used for each material

✓ **Don't worry about units**

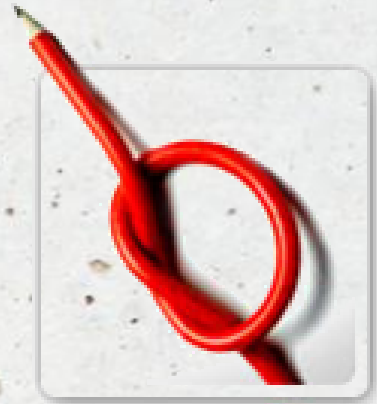
- Built-in unit conversion
- You can choose international or imperial units system, or use a mix of both at the same time
- Mix mass and volume units if you like, Quality Mix can handle it as well

✓ **Reporting**

- Quality Mix includes reports for all its mix design methods

✓ **Save your designs**

- Save your design as a test batch, as a new mix design or as a new version of an existing mix design
- Immediately available on other sections of the software



Flexibility



^a **REVOLUTIONARY** ^{way} ^{to do} **BUSINESS**

- ✓ **All basic features are free to use, forever**
- ✓ **All updates are free, forever**
- ✓ **Pay for optional services only when you need them**
- ✓ **Zero license fees= no investment = no risk!**
- ✓ **Short and affordable subscriptions: try before you buy**
- ✓ **No minimum subscription time and zero cancellation cost**
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- ✓ **Suited for small and big companies: no users limit**
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Subscription Plans



Subscriptions offer access to special services and features.
There's a plan suited for every user profile.



Technician

**Data synchronization +
mobile access +
basic reporting**

The features everybody
needs



Supervisor

**Mix design optimization +
statistical tools +
data import**

Includes all Technician
features



Expert

**Local standards +
audits + advanced
reporting & tools**

Includes all Technician &
Supervisor features

Localized Features



The Expert Plan includes localized features, created with the support of our local partners, merging technology with local expertise.



Expert

Local standards +
audits +
advanced reporting & tools

Includes all Technician &
Supervisor features

The American Way



- ✓ Special features for USA & Canada
- ✓ Complying with ACI, ASTM and CSA standards
- ✓ Special reports to produce submittal packages
- ✓ Exclusive production QA/QC tools

UK & IE



- ✓ Special features for UK & IE
- ✓ Complying with British and EN standards
- ✓ Includes Batch Book management
- ✓ CUSUM analysis for production control compliance
- ✓ Audit submittals

Contact us anytime, we'll be happy to assist you!



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Our Business Partners

Concrete experts that will assist you with the software and provide technical consulting

USA: Statler International
Canada: NEXSO Technologies
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