



# Make the invisible visible

## DokaXact Load & Pressure

Formwork & Scaffolding.  
We make it work.

# Make the invisible visible

"What happens inside formwork during the pouring process? Nobody can tell it exactly ... with DokaXact – you can! DokaXact Load and Pressure sensors allow for real-time monitoring of concrete pouring, ensuring safety, better scheduling, and higher quality.



## Save Time

- Efficient pouring in all weather conditions
- Viewing information in a convenient manner directly on the smartphone
- Monitoring multiple sensors simultaneously



## Increase Safety

- Reliable data directly obtained from the concrete during the pouring process
- More certainty when utilizing SCC or low-carbon concrete
- Digital documentation of all measured data



## Enhance Quality

- Higher concrete durability and aesthetics
- Avoidance of formwork deformation
- Prevention of cold joints



## Reduce Costs

- Efficient use of staff, formwork, and other materials
- Competitive advantage on (future) project(s)

## Fields of application

Just like our formwork, the DokaXact sensors can be used on a wide range of concrete construction sites, including high-rise buildings, residential and non-residential projects, infrastructure, and energy projects. DokaXact is particularly useful in places where mission-critical data is required, enabling you to maximize the potential of your project.



Tall walls & columns



Tall single-sided walls



Projects with critical anchor loads



Tunnel projects

# Monitoring anchor load and fresh concrete pressure

DokaXact sensors allow for real-time monitoring of anchor load and fresh concrete pressure via smartphone, enabling safe and efficient controls during the concreting process.

## DokaXact Load sensor



### Compact wireless load cell

- Installed directly on the tie rod
- Usable for the most common tie rod systems

## DokaXact Pressure sensor



### Compact wireless sensor

- Installed directly in the formwork plywood
- Adjustable to any plywood thickness from 3/8" to 1 1/16"



Both sensors are water and dust resistant, and they connect to the user's smartphone via Bluetooth.

Scan here for videos and downloads



## Success story

### Sanitary Trunk Sewer Shaft DS-4

Mississauga, Ontario, Canada



Reduction of pour time by 5 hours

#### Challenge

- Finding the right pouring speed, as formwork withstands only low fresh concrete pressure
- No experience with such a low permitted pressure

#### Achievement

- Speed of placing = 20" per hour
- 5 hours earlier completion than planned



# DokaXact app & web portal

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Xact

Monitoring of the concreting process and documentation

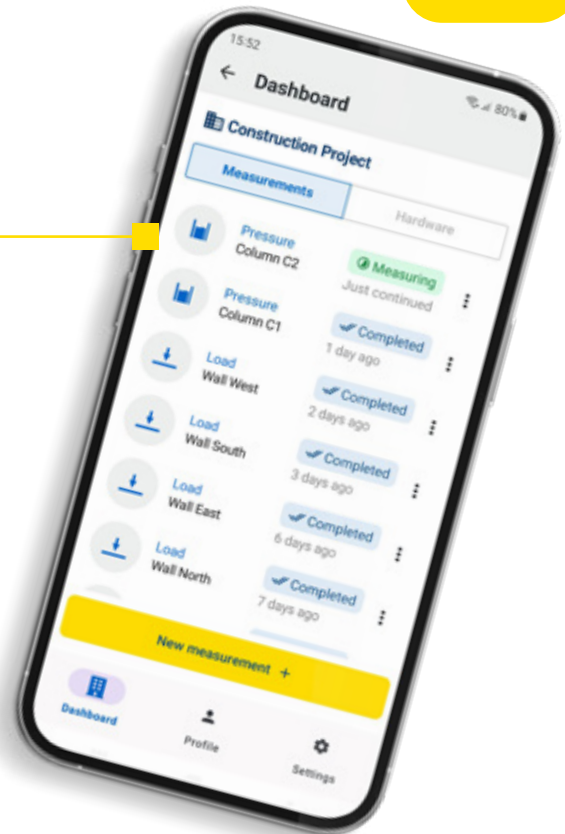
## The mobile app

Real-time display of concrete pressure and anchor load ensures precise control, preventing limit values from being exceeded and maintaining safety and efficiency during concreting.

Get the  
DokaXact app  
on your device

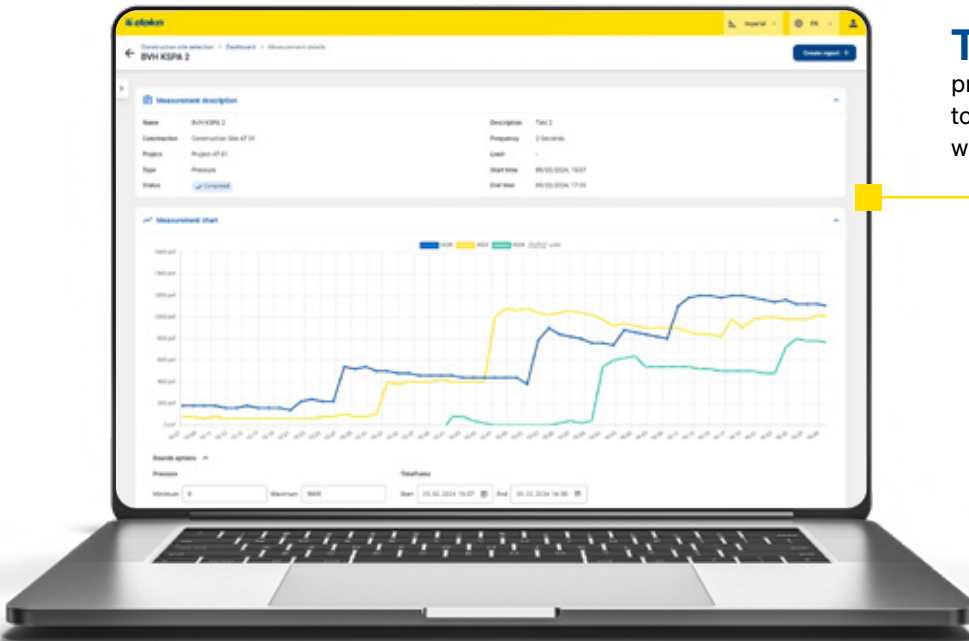


GooglePlay



## The web portal

provides detailed information and access to comprehensive documentation easily with just one touch, anytime.



/DokaUSA



/DokaNorthAmerica



/doka-usa



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