Integrated formwork concepts on your virtual site,
boosting productivity on your real site.
Content List

1. General ........................................................................................................................................................................... 4
2. Doka project templates ................................................................................................................................................. 5
   2.1 Browser organization .................................................................................................................................................. 6
   2.2 Content Overview ....................................................................................................................................................... 7
3. Doka Library for Revit ..................................................................................................................................................... 8
   3.1 Modeling with Doka Families .................................................................................................................................... 9
   3.2 Dokadek ....................................................................................................................................................................... 10
   3.3 Framax Xlife ............................................................................................................................................................... 10
4. Terms and Conditions ..................................................................................................................................................... 11
5. Additional Information ................................................................................................................................................... 11
1. **General**

This document describes the content and the functionality of the virtual Doka products for Dokadek and Framax Xlife in Revit. The Families are placed in a project template for each formwork system, which includes all necessary components for modeling as well as annotation tags and dimensions to create the project documentation.

The provided Revit solution is created under consideration of following principles:

- Direct use without any installation
- Parametric design of multi-type families to improve modeling productivity
- Functionality according to Doka User Information
2. **Doka project templates**

The library for each formwork system is loaded in a prepared project template for Revit. The components are placed on a floor to give the user a quick overview about the provided 3D content.

Furthermore, a placing example for the specific formwork system is shown in this template. This should give an idea about the usage of the families.

Beside the formwork components, this template also includes annotation families like tags and dimensions. Also the line styles have been customized for optimized project documentation.

**The project templates with the loaded families contain:**

- Formwork objects and annotation symbols
- Custom View definitions and a legend for dimension-/ line styles and annotation tags
- Predefined project documentation based on 2D-drawings & schedules for quantification
- Example for execution drawing
In the case you have already set up your own project templates, you can also export the formwork library and reload the families in your project file.

2.1 Browser organization

View definitions for floor plans, 3D views, elevations and sections

Legend of used Doka standards for annotations, line styles and dimensions

Schedules for all respectively system specific formwork components. Sheet- and View lists

Sheets for Welcome page and example of execution drawing for project documentation
2.2 Content Overview

View definitions

Legend

Tip: To use the system specific schedules “01_Doka (Formwork System)” set the filter to the required formwork group.

Sheets & Schedules
3. **Doka Library for Revit**

The Families are organized in the project browser and based on the category “generic models”. To simplify the placing of the components, different subcategories were chosen:

- Generic model
- Generic model face based
- Generic model line based

The families are organized in the project browser and categorized in single type-, multi type- and nested families with sub components.

Single type families have stated the article number in the family name whereas multi type families have the article number in the type name.

**Tip:** Use the Revit “search” function for faster searching!

**Multi-type family Framax Xlife panel**

**Single-type family Handrail post 1.00m**
3.1 Modeling with Doka Families

The families are created in order to simplify manual placing of the components.

**Tip:** If you use a set of components frequently, use the Revit grouping function for faster handling.
3.2 Dokadek

The general placing of the Dokadek families is considered to be done in the ceiling view, starting from top (panel). All further components follow this modeling rule.

Tip: Use the nesting of tie rods and super plates for efficient placing

3.3 Framax Xlife

The general placing of the Framax Xlife families is considered to be done in the 3D view or elevations, starting from the concrete surface of the structure. All further components follow this modeling rule.
4. Terms and Conditions

General Terms and Conditions
Doka Terms and Conditions for the Use of Doka Planning Software (B2B)
https://www.doka.com/GTC

5. Additional Information

More information about Doka and the right planning of described products you can find under

https://www.doka.com
https://www.doka.com/downloadcenter
https://www.doka.com/Apps

For additional help regarding Doka Library for Revit please contact Competence Center VDC/BIM
by email bim.support@doka.com.