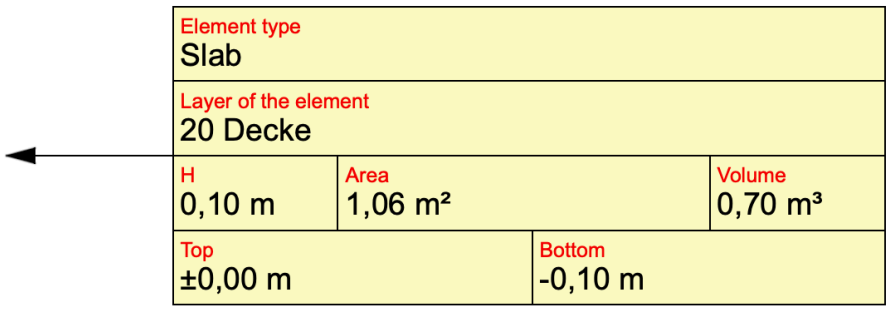


MANUAL

# Flexi-Text-Label

A universal label for Archicad: it labels around 30 element types differently depending on the view — as a freely configurable table of free text, autotext, properties, dimensions and skin structures. One object instead of many specialized labels.

Chapters 01–02 are enough to get started. Everything after that is reference — the thumb index at the page edge leads the way.

| VERSION | DATE | ARCHICAD | DELIVERY |
|---|---|---|---|
| 1.02 | 27.10.2026 | from 27 · up to 29 | ZIP · LCF (label, MVO, dictionary) + list macro |

NEW IN 1.02 First **English edition**: dialog, labels, model view options and list macro in English · the field editor has **four tabs** (chapter 03) · new page **Delivery, licence and support**.

NEW marks the chapters that changed with 1.02. If you know an earlier version, read these first — the full overview is in the version history, page 16.


| | | | |
|---|---|---|---|
| 01 | Overview | What the object can do | 3 |
| 02 | Quick start | Installation and first steps | 4 |
| 03 | User interface NEW | Header, anchor, layout | 5 |
| 04 | Fields and content | The matrix, nine field types | 6 |
| 05 | Formatting and rules | Text, frame, coloring, calculating | 8 |
| 06 | Variants and model view | Planning phases, MVO control | 12 |
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| – | Delivery, licence and support NEW | Installation, languages, update check | 15 |
| – | Version history | What is new, what to read | 16 |

# One label for everything

Flexi-Text-Label replaces the multitude of specific single labels with one freely configurable object — from a simple zone stamp to a multi-column element table with skin structure.

**Universal.** One label for around 30 element types — walls, slabs, roofs, windows, doors, zones, stairs, railings, curtain walls, openings and more. Placed associatively, it recognizes the type automatically.

**Table layout.** Up to 6 rows with up to 5 columns each, built directly in the settings dialog. Every field carries its own content.

**Wide range of data.** Free text, autotext, Archicad properties, around 485 element-specific values (dimensions, attributes, skin structures) and parameters of linked library parts.

**Six variants.** Complete sets of settings per planning phase, switched via the model view — one label, many drawings.

**Central units.** Unit, decimal places and rounding are controlled project-wide by the model view object (MVO).

MVO and dictionary are part of the LCF file and are loaded with it. The list macro is deliberately separate in the ZIP — objects in an LCF cannot be edited, but the variant names should be (chapter 06).

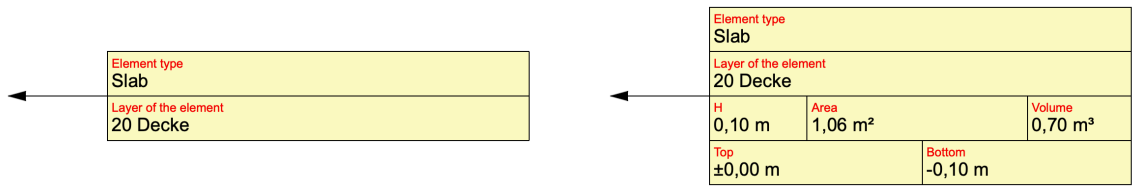


**Fig. 01.1** · One object, two displays: the model view decides which variant appears in the view.

# Installation and first steps

Load the library, place the label, choose the content — that is all it takes for a first result.



## 1 Load the library

Unzip the ZIP file. Load the LCF file via the Library Manager (label, MVO, dictionary). Put the folder `Flexi_Listenmakro` complete into the embedded library or another loaded library.

## 2 Select the label tool

Activate the Label tool in the toolbox and select `Flexi_Text_Label` there.

## 3 Place it at the element

Place it associatively at the element — the element type is recognized automatically and the matching value lists appear.

## 4 Configure the fields

Set the number of rows and columns, create fields and choose the content of each field. The preview matrix shows the structure.

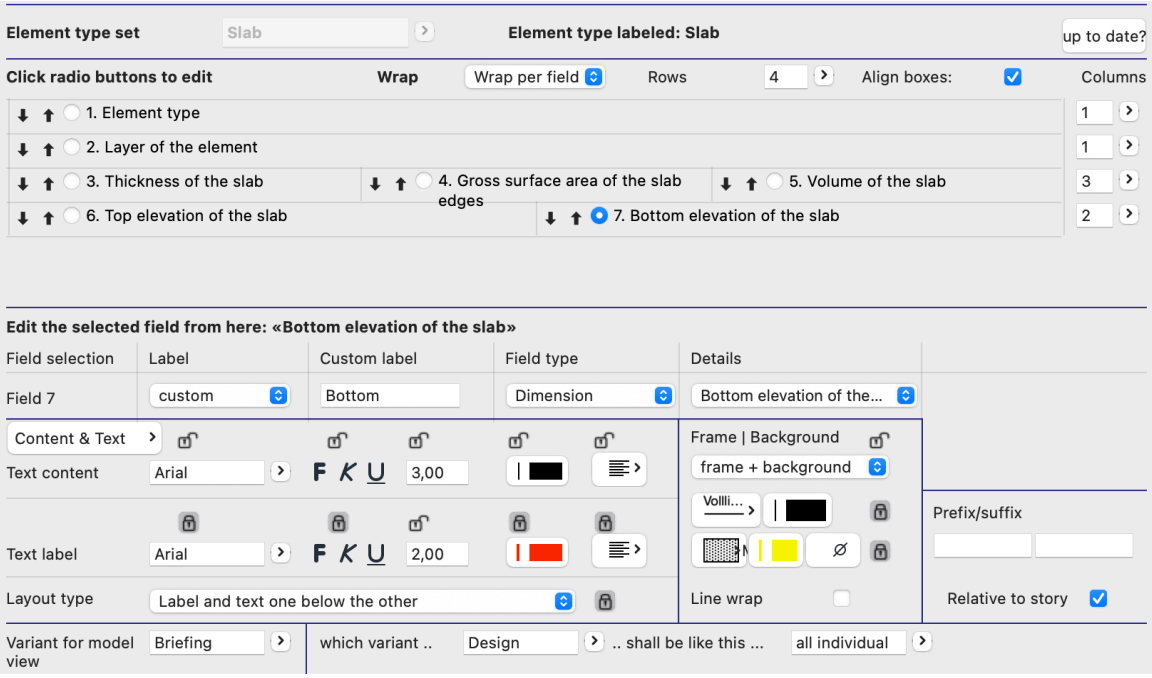


**Fig. 02.1** · All settings are on one dialog page; the field editor at the bottom has four tabs.

# Header, anchor and layout

All settings are on one dialog page. The field editor at the bottom has four tabs: "Content & Text", "Frame & Rules", "Text editing" and "Calculations".

NEW 1.02 Four tabs instead of two: text editing and calculations have tabs of their own (chapter 05). See version history.



## Header

- **Element type set.** Recognized automatically and locked for linked labels. For unlinked labels you set the type manually so that the matching value lists appear.
- **Anchor (1–9).** Only visible without pointer. The chosen reference point (e.g. top left) stays in place when the variant or text size changes — the label no longer "jumps". With a pointer, Archicad handles the anchoring itself.
- **Pointer "none" / "Flag".** Only without Archicad pointer. "Flag" adds a filled triangle to the box; its tip lies at the insertion point, e.g. on the wall edge, and points left or right depending on the side of the label. The anchor is off in this case.
- **up to date?** Checks online whether a newer version of the object is available.

## Layout control

- **Wrap.** No wrap · wrap per field · wrap all.
- **Rows / columns per row.** Basic structure of the table, up to 6 × 5.
- **Align boxes.** Aligns the row widths — the right edge of all rows is flush.

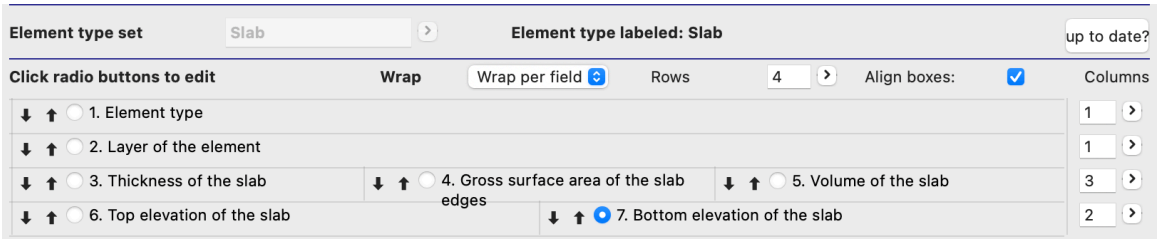


**Fig. 03.1** · Header with layout control; on the right the anchor grid (only visible without pointer).

# The matrix and the nine field types

The preview matrix shows the label schematically with all fields. Clicking the radio button of a field opens its settings below.

**Select a field.** Click the radio button in the matrix — the detail settings below then apply to exactly this field.

**Re-sort.** The arrows (⬆ ⬇) next to the fields move field contents up or down.

Every field has one of nine **field types** that determines what is shown. The table below summarizes them; the numeric types (5–9) are also the basis for conditions and calculations (chapter 05).



### THE NINE FIELD TYPES

| TYPE | SHOWS | SPECIAL FEATURE |
|---|---|---|
| **( ---- )** | nothing | field stays empty |
| **Free text** | manual text | freely entered |
| **Autotext** | project info | `fixed width, no wrap` |
| **Element type** | type name | e.g. "Slab" |
| **Property** | property | optional MVO rounding |
| **Dimension** | sizes, elevations | elevation reference switchable |
| **Attribute** | attributes, skins | skin structure as a list |
| **Other** | layer, ID, GUID | general values |
| **Object parameter** | library part parameter | with prefix filter |

# Values, labels and special cases

## Autotext, property, dimension

- **Autotext.** Since Archicad autotexts cannot be measured in GDL, an autotext field has a fixed width that you drag at the hotspot on the right field edge; autotext never wraps.
- **Property.** All properties available for the element. Length, area and volume values can optionally be formatted with the MVO rounding (checkbox "MVO rounding").
- **Dimension.** Element-specific sizes and elevations. For absolute elevations the checkbox "Relative to story" appears: the value is then shown relative to the home story instead of Project Zero. If such an elevation is displayed as zero, it automatically appears as "±0.00". Elevations from *properties* do not get the ± automatically — add it as a prefix if needed.
- **Attribute.** For "Skin parameters" or "Building material names" of composite elements the field lists all skins one below the other — with selectable numbering and a prefix of its own.

## Label, layout, prefix/suffix

- **Label.** "Standard" (takes the name of the value), "off" (value only) or "custom" (free input).
- **Layout type.** Label and text one below the other · side by side · text without label.
- **Prefix / suffix.** Free character strings before and after the value (e.g. brackets, abbreviations).

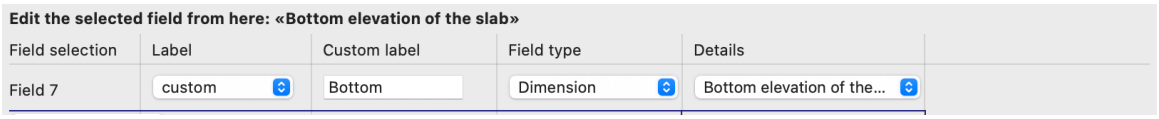


**Fig. 04.1** · Field editor: this is where you choose field type, label and layout per field.

> **INFO** The label fetches the most common quantities for zones (net area, perimeter, height, volume ...) internally and formats them via the MVO settings.

# Text, locks and frames

Every field can be formatted individually — or uniformly for the whole label via the lock symbol.

## Text formatting

Font, style (bold/italic/underlined), size, pen and alignment — separately for **content** and **label**, per field or uniformly.

## The lock function

Next to each formatting option there is a lock symbol. **Closed**: the setting applies uniformly to all fields. **Open**: each field uses its own setting.

## Frame and background

Per field or uniformly: no frame · frame · background · frame + background, plus line type, pens and fill.

With the lock open, every field gets its own frame, line type, frame pen, fill type and fill pens — for example for a header row in a different color.

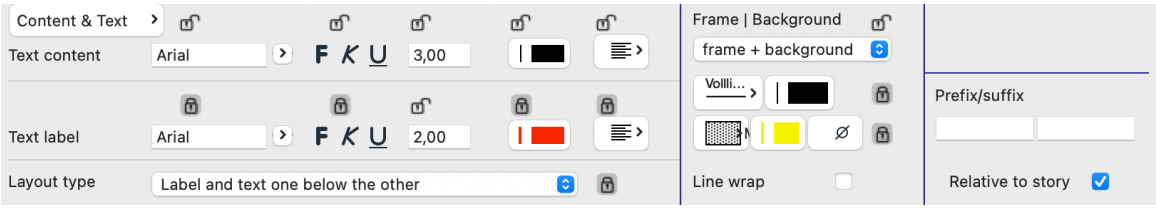


**Fig. 05.1** · Field-wise colors: with the lock open, every field has its own frame and background settings.

> **TIP** Format one field first, then close the locks for font and size (basic layout) — the lock takes over the setting of the selected field. Then open them selectively for exceptions — e.g. a bold header row with its own background color.

# Conditional coloring

Every field can color itself depending on its own content — for example **"Length is less 0.70 → field red"** for doors that are too narrow. If a limit is met, the field stays neutral; if it is violated, the match color set applies (if there is no background, it is activated automatically).

## OPERATORS

| GROUP | COMPARISON | WHAT IS CHECKED |
|---|---|---|
| **Text** | is equal · is unequal · contains · does not contain · begins with · ends with | the displayed field text |
| **Length** | equal · unequal · less · greater · less or equal · greater or equal | value in displayed precision, input in project unit |
| **Number** | equal · unequal · less · greater · less or equal · greater or equal | value in displayed precision (area m², volume m³, count) |

**Colors on match:** fill type, fill foreground and background pen, and text pen for content and label.

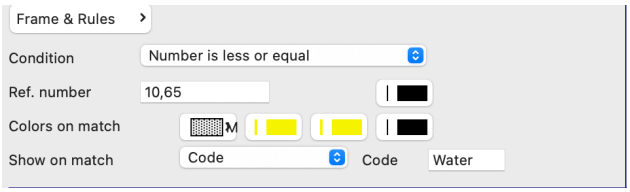


**Fig. 05.2** · Condition in the dialog: the field is colored when the rule is met.

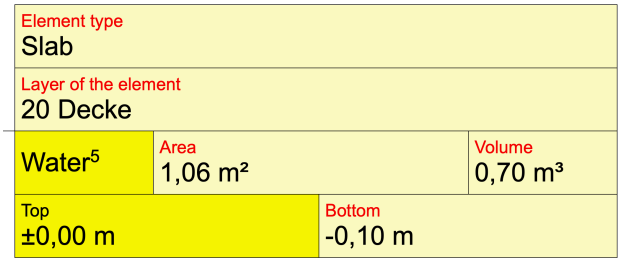


**Fig. 05.5** · Result in the 2D label: the matching field has a colored background.

# Calculating with field values

In the tab **"Calculations"** (for numeric field types: property, dimension, attribute, other, object parameter) a number field can **process its value further** — for surcharges, derived quantities (e.g. length × width = area) or verifications. Tick the checkbox **"Calculation"**; the calculation always follows the same scheme:

`Field value` `+ − × ÷` `Operand 2` `+ − × ÷` `Constant` `= Result`

Only the **field value** is mandatory — operand 2 and constant can be left out with "(none)".

### THE BUILDING BLOCKS

| | |
|---|---|
| **Field value** | the value the field shows anyway — the first operand, always included |
| **Operand 2** | a second value, selectable from a **dimension** or **property** of the element |
| **Constant** | a fixed number — factor, surcharge or offset |
| **Format** | Number · Length · Area · Volume — determines unit and rounding (via the MVO) |
| **Show formula** | puts the calculation before the result, e.g. `1.06 * 1.20 = 1.27 m²` |

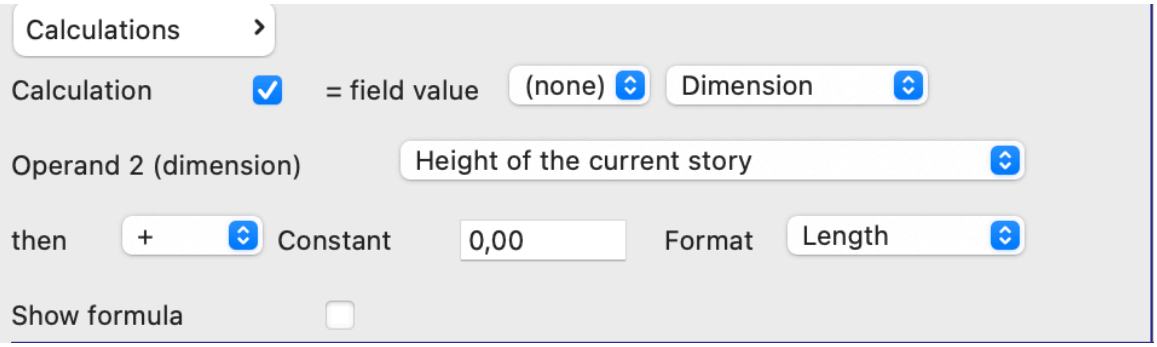


**Fig. 05.3** · The calculation tab: field value × operand 2 × constant, with selectable result format.

> **INFO** The result can be colored with the **condition** (tab "Frame & Rules") — e.g. red as soon as a limit is exceeded. This makes verifications visible directly in the drawing.

# Text editing — and calculation examples

This page first shows **calculation examples** for the calculation tab and below that the **text editing** — shortening or splitting the field content afterwards, for every field type.

CALCULATION EXAMPLES

| GOAL | SETTING |
|---|---|
| **Area + 20 %** | field value area · × · constant 1.20 · format Area |
| **Length × width = area** | field value length · × · operand 2 "width" · format Area |
| **Wall height – 0.10 m** | field value height · – · constant 0.10 · format Length |

## Text editing

Sometimes only part of a value should appear. Text editing works on the finished field content:

OPERATIONS

| | |
|---|---|
| **first / last N characters** | keeps the first or last N characters (N freely selectable) |
| **from character N** | everything from position N to the end |
| **before / after separator** | everything before or after the first occurrence of a separator |
| **replace** | search text by replacement text (all occurrences) |

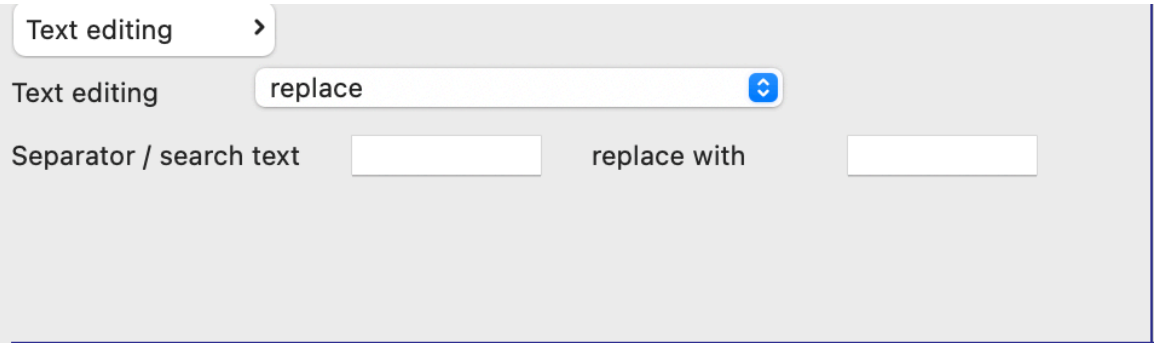


**Fig. 05.4** · Text editing tab: operation "replace" with search text and replacement. Example: "WALL-GF-01" with "after separator –" results in "GF-01".

# Planning phases and central control

The label stores six complete sets of settings. Which one appears in the view is decided by the model view — not by the individual label.

## Variants

Six sets, pre-named after planning phases (Briefing, Preliminary design, Design, Permit, Construction, Ceiling plan). At the bottom of the dialog you choose the active variant; all settings apply to this variant only.

**Transfer.** "which variant … shall be like this …" copies a complete set to another one — nobody has to start from scratch.

## Model view (MVO)

The object `Flexi_Text_Label_MVO` is the global controller under *Document → Model View → Model View Options*.

**Units.** Centrally per element type for lengths, areas, volumes and angles: unit, decimal places, rounding. A change takes effect immediately on all labels in the project.

**Variant assignment.** For each set you define which element type shows which variant.

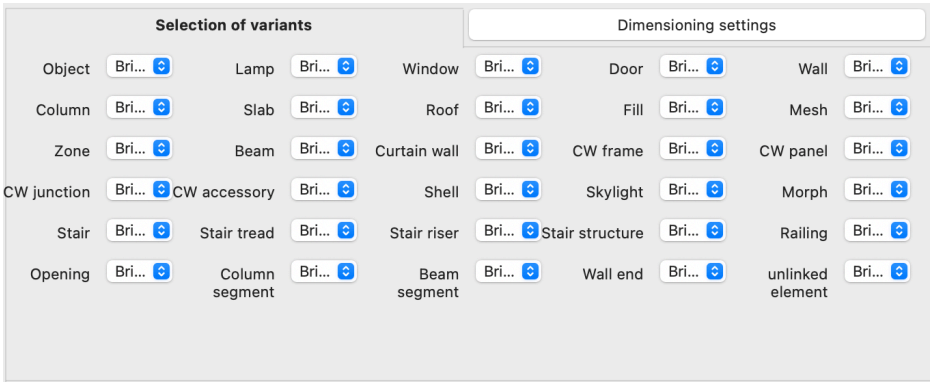


**Fig. 06.1** · Variant assignment: for each model view set you define which element type shows which variant — e.g. walls "Design", windows already "Construction".

# Variant names and units

## Variant names

The variant names are stored centrally in the object `Flexi_Text_Label_Listenmakro`. Open the object via *File → Libraries and Objects → Open Object* and rename, add or re-sort the names in its user interface — **not** in the settings dialog of a placed label. Label and MVO take over the names automatically.

## Where the list macro is stored

Because objects in an LCF file cannot be edited, the list macro is stored outside the LCF in the folder `Flexi_Listenmakro`. Put the folder **complete** into the **embedded library** of the project or into **another loaded library**. It contains the macro and the small marker file `flexi_listenmakro.png` — both belong together: from the marker, label and MVO recognize that the list macro is loaded.

If the folder is missing, no error message appears; label and MVO then keep the last saved variant names. Changes to the names only take effect when the folder is loaded.

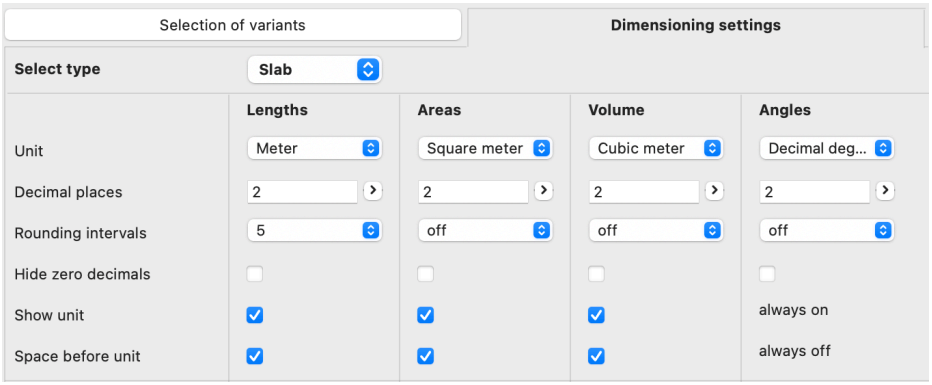


**Fig. 06.2** · Units, decimal places and rounding per element type — central for lengths, areas, volumes and angles.

# Flexi-Text-Label at a glance

This page is meant for printing — everything essential without running text.

## THE NINE FIELD TYPES

| | |
|---|---|
| Empty / free text / autotext | 1–3 |
| Element type | 4 |
| Property | 5 |
| Dimension | 6 |
| Attribute | 7 |
| Other | 8 |
| Object parameter | 9 |

## CONDITION · OPERATORS

`=` `≠` `contains` `begins` `ends` `<` `>`

Text, length and number comparison; match colors per field.

## SUPPLIED OBJECTS

| OBJECT | ROLE |
|---|---|
| **Flexi_Text_Label** | the label itself |
| **Flexi_Text_Label_MVO** | control of units and variants |
| **Flexi_Text_Label_Dictionary** | multilingual texts |
| **Flexi_Text_Label_Listenmakro** | list of variants — separate in the ZIP, editable |

## KEY POINTS

- Place associatively — the type is recognized
- Use the anchor: the label stays in place when the variant changes
- Drag the autotext width at the right hotspot
- Lock closed = uniform, lock open = per field

## REQUIREMENTS

Archicad from version 27 (tested up to 29). Without the supplied MVO object the central control of units and variants is missing. The ZIP contains everything you need: the LCF file and the folder `Flexi_Listenmakro`.

# Delivery, licence and support

NEW 1.02 New page with the details on delivery, language versions, update check and licence. See version history.

## Scope of delivery and installation

Flexi-Text-Label is delivered as an **LCF file** (Library Container File). It contains the complete library: the label, the model view object (MVO) and the dictionary. In addition, the ZIP contains the folder `Flexi_Listenmakro` with the editable list macro (chapter 06).

Load the LCF file into your project via the **Library Manager** (File > Libraries and Objects > Library Manager) — everything is bundled in a single file, so nothing can get lost.

## System requirements

This object works from **Archicad 27** upwards, on Windows and macOS.

## Language versions

Flexi-Text-Label is delivered in a German and an English version. Further language versions can be provided on request.

## Update check

Please use the **"up to date?"** button on the first page of the settings dialog. It takes you to a web page that checks whether you own the current version. All updates are free of charge for verified purchasers of the object — submit the form you find there and you will receive the latest version.

## Disclaimer and licence

This software is supplied "as is". The library element has been tested extensively; however, b-prisma accepts no liability for possible loss of data, data corruption, hardware damage or other damage (including damages for loss of profit, business interruption, loss of business information or data, or other financial loss).

This object is not freeware. Please be fair and do not pass it on to third parties. With a purchased licence, however, you may work on any number of computers in your office or at home.

### QUESTIONS AND SUGGESTIONS

Questions and suggestions are most welcome — as a GDL programmer I like to learn how you use the object and which limitations or improvement requests you have. Feel free to send me an e-mail at: **25@b-prisma.de**

# What has changed

Every line names the chapter concerned. After an update you know within a minute what to read.

| | | |
|---|---|---|
| **1.02**<br>27.10.2026<br>CURRENT | NEW · — | English edition as a separate delivery (full version and demo): dialog, value lists, labels in the label table, model view options and list macro in English. |
| | CHG · 06 | The dialog of the model view object (MVO) appears in the language of the loaded library. |
| | CHG · 03 | Manual: the field editor with its four tabs described; new page "Delivery, licence and support". |
| **1.01**<br>04.10.2026 | NEW · 02 | Delivery as ZIP: the list macro is editable next to the LCF (folder Flexi_Listenmakro). |
| | CHG · 06 | If the list macro is missing, label and MVO keep the saved variant names — without an error message. |
| | FIX · 03 | Settings dialog stayed empty in 1.00; label display without active model view object corrected. |
| **1.00**<br>03.10.2026 | NEW · 03 | Pointer "Flag" for labels without Archicad pointer: triangle at the box, tip at the insertion point. |
| | NEW · 05 | Conditions "less or equal" and "greater or equal" for lengths and numbers. |
| | NEW · 04 | Elevations with the value zero appear as "±0.00". |
| | CHG · 05 | Closing a lock takes over the setting of the selected field; conditions compare in displayed precision. |
| | CHG · 03 | Tooltips for all input fields; faster regeneration with many labels. |
| | FIX · 04 | Elevation reference of slab top/bottom and base elevation: Project Zero or story now correct. |



Continued: earlier versions →

# Earlier versions

| | | |
|---|---|---|
| **0.62**<br>30.08.2026 | NEW · 05 | Conditional field display: when the limit is met, the field shows either a code (e.g. "K") or only the match color as a compact square color field instead of the value — for traffic light and status displays. |
| **0.61**<br>09.07.2026 | NEW · 03 | Anchor point (1–9): the label stays at its reference point when the variant or size changes. |
| | NEW · 05 | Conditional field coloring: text, length and number comparison with freely selectable match colors. |
| | NEW · 05 | Calculating with field values: field value × operand 2 × constant, selectable result format, optional formula display. |
| | NEW · 05 | Text editing per field: shorten, split from/before/after a separator, replace. |
| | NEW · 05 | Field-wise frame, background and fill colors with the lock open. |
| | CHG · 04 | Autotext fields with a fixed width that can be dragged at the hotspot; autotext no longer wraps. |
| | CHG · 06 | MVO rounding also for properties; elevations optionally relative to Project Zero or the home story. |
| **0.40**<br>17.06.2024 | NEW · — | First alpha version: universal label for all element types with variants and field matrix. |

## HOW TO SPOT UPDATES

NEW in the table of contents at the chapter

NEW · 05 line here, with chapter number for reading up

NEW 1.02 box at the start of a chapter or section

HIST thumb index tab of this page

## SUPPORT

Questions and suggestions by e-mail to 25@b-prisma.de — more on page 15.

## THIS MANUAL

English edition 1.02, date 27.10.2026. The German edition is available as a separate document Flexi_Text_Label_Handbuch_DE in the identical layout.

HIST