



The Hirschmatte housing development at Oberkirch/LU contains 50 luxury apartments, handily located for the local centers of Sursee and Lucerne.

Large-scale housing development at Oberkirch near Sursee

«100 Opti-mal solutions»

Head fitter Markus Ettlin is unequivocal: «Optivis, Optiflex^{plus} and Optibloc... no other system beats it for speed.» All 50 privately owned apartments at the Hirschmatte housing development in Oberkirch use the flexible Optivis masking-wall system from Nussbaum, along with the Optiflex^{plus} plumbing installation system and the new Nussbaum flush tanks.

Top marks for Optivis and Optiflex^{plus}

«In a 50-apartment complex with 100 bathrooms in two different sizes, we couldn't afford to install anything but the best.» Wise words indeed from plumbing contractors Krummenacher AG. Head fitter Markus Ettlin has worked with all kinds of systems, and in his experience Optivis and Optiflex^{plus} earn top score when it comes to rapid fitting. Aligning and fixing the assembly rails takes very little effort, after which the various components simply hook into place. Plumbing to the Optiflex^{plus} system's black PE-Xc piping takes just moments, thanks to fast-action press fittings.



Choice of flushing action

The Nussbaum flush tank's elegant actuator panel, available in a choice of eight colors, features an aesthetically sculptured dual-function rocker plate for regular or economy flushing. If the apartment owner prefers, the dual-function rocker plate can be modified for a start/stop action. Conversion takes virtually no effort using the of substitute parts kit supplied.



«Working with Optivis is a pleasure», says head fitter Markus Ettlin of Krummenacher AG.

Nussbaum flush tanks for ease of assembly

Two versions of the new Nussbaum toilet flush tanks are in use at the Hirschmatte housing development:

- Complete, pre-fabricated Optivis toilet modules including a Nussbaum flush tank are standard in all master bathrooms
- In closet bathrooms, which do not use a masking-wall, the Nussbaum flush tank forms part of a walled-in Optibloc toilet module



All bathrooms use the Optivis masking-wall system combined with the Optiflex^{plus} plumbing installation system. The Nussbaum flush tank is fitted as a part of a prefabricated Optivis toilet unit.



Rooting for Nussbaum (from left): Walter Britschgi (Krummenacher AG), Hubert Roos (Barko-Immobau AG), Stefan Krummenacher, Markus Ettlin, Franz Brun (all of Krummenacher AG), Hansruedi Gasser (of Nussbaum's Kriens branch).

The Optibloc «brick»

The yellow Optibloc flush tank really can be walled-in like an oversize brick, which facilitates some particularly effective solutions for toilet installation. The sealed, robust EPS plastic housing renders a tank niche unnecessary. The EPS sheath also affords excellent sound insulation.

The Optibloc toilet module opens the way to easily assembled, custom solutions: dependable, quick and efficient in any situation. The Optibloc toilet module is made of first-class materials and incorporates sophisticated engineering for long life and faultless reliability.



Valuable services

Plumbing installation contractors Krummenacher AG with branches in Kägiswil, Horw and Wolhusen is a long-time customer of R. Nussbaum AG. Great delivery service by the Nussbaum branch in Kriens has garnered special praise. Says Stefan Krummenacher, «Sourcing everything from the same place, the same dealer, is ideal for us. Another important factor is the quality of advice we get from Nussbaum's customer service people. Nussbaum took the construction plans and did all our quantity surveying for us, which really eased the job!»



Optibloc "brick" modules were used in the small bathrooms.



Making sure things go swimmingly in your domestic water system.

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Involved in construction

Building owner:	Barko-Immobau AG, CH-6018 Buttisholz
Architect/general contractor:	Barko-Immobau AG, CH-6203 Sempach-Station
Plumbing planning and installation:	Krummenacher AG, CH-6056 Kägiswil, CH-6048 Horw, CH-6110 Wolhusen
Construction start:	February 2000
Ready for occupancy:	starting in October 2000