

Nussbaum **live**



The sky's the limit with Optivis-Tec

The partial refurbishment of the 16-story high-rise building at General-Guisan-Strasse 52 in Aarau demonstrates that the Optivis-Tec masking wall system is absolutely perfect for renovation work. The building services in the 64 apartments were completely replaced in barely five months. Target deadlines of this nature can only be met with efficient, purpose-designed products.

Is it possible to talk of series production on a renovation project of this type? Yes, it is, since from the perspective of the sanitary installer, exactly the same work was to be carried out in every one of the

apartments. In addition to the kitchens, the focus was in particular on renewal of the bathrooms, whose relatively small dimensions demanded careful planning and system selection.

Well in

Pre-assembled and transported

The Nussbaum Optivis-Tec masking wall system is predestined for situations of this type. It was a case of taking the measurements once and then ordering the required number of rails and connectors from Nussbaum. The fitters employed by the Eichenberger-Lütscher sanitary company were then able to prefabricate all masking wall elements with WC and washstand modules in the workshop. The finished frames with all necessary connections and fixing brackets were delivered «just in time» to the site in Aarau, where they only had to be distributed to the apartments and secured in place. Anto Marjanovic, site foreman of Eichenberger-Lütscher, remarks: «Because Optivis-Tec is still relatively new, it was the first time we had used it. For that reason the system was explained in detail to us on-site by Nussbaum technicians. This training didn't take long, though – because the whole thing is so simple.»



Masterly logistics

If you take a look around so complex a building site, you will quickly realize that a masterly logistical and planning performance is needed. The problem is not the size of the building, but rather the fact that more than one hundred people live here – even during the renovation work. The goal is to carry out all the work – sanitary, heating, electrical, bathroom and kitchen installation, painting and paneling – in the shortest possible time. Disturbance of the residents is to be kept to a minimum, a principle that sounds almost ironic in view of the amount of building work. Up to forty craftsmen at a time were working in this forty-meter-high building, nine alone for the sanitary/heating area. As Jürgen Zwikirsch, site manager at the general contractors Zschokke, says: «A product like Optivis-Tec helps to optimize the building process. Its installation is fast and simple, and minor modifications can be carried out in no time at all, without the need to remove the entire element again.»



stalled

Less room is more room

A contradiction? Not with Optivis-Tec. Thanks to its design, the masking wall system creates more space for the connection of pipes and modules, especially when space is at a premium. In this case, Optiflex flexible plastic pipes were used; they were bent and laid easily within the Optivis frame.





Jürgen Zwikirsch (site manager at the general contractors Zschokke Generalunternehmung AG, Aarau), Daniel Fankhauser (R. Nussbaum AG, Olten) and Anto Marjanovic (site foreman of M. Eichenberger-Lütscher AG, Reinach) on the roof of the high-rise building.

Those involved in the building project

Client:

SIAT «Aargau», represented by Wincasa Winterthur

General planner:

Architektengemeinschaft 4 GmbH, Aarau

General contractor:

Zschokke Generalunternehmung AG, Aarau

Building services planning:

Gloor + Sehringer GmbH, Reinach

Sanitary installer:

M. Eichenberger-Lütscher AG, Reinach

Start of construction:

April 2005

Completion:

August 2005

R. Nussbaum AG

Foundry and valve works

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Outstanding performance

The Nussbaum flush tank is ideal for new buildings and refurbishments. Perfectly concealed in the Optimis-Tec, it is extremely thrifty with water thanks to its full-flush



volume which can be pre-set at 9 liters, 6 liters or 4.5 liters and an economy flush of 3 liters. Or the client can choose the flush-stop function and decide the volume of



water to be used on each individual occasion. The outstanding features of the flush tank include its internal low-noise filling system and the outer operating panel in



three timeless designs and many colors. Operation of the panel is either from the front or the top, and a conveniently large maintenance opening is provided. And if you would like to install a shower-WC, the pipework is already installed.

The installer

The Reinach-based company M. Eichenberger-Lütscher Sanitär und Heizung AG under the management of Heinz Eichenberger has been delivering guaranteed high-quality workmanship since 1963. A team of around 46 specialists in total are familiar with the characteristics of a wide range of products and know which make should be used where. Great importance is attached to training of apprentices: no less than a quarter of the workforce are trainees. The Eichenberger company also strives to achieve the shortest possible refurbishment times, something they were able to demonstrate impressively in the Aarau high-rise building thanks to Optimis-Tec from Nussbaum.