



architektur technik fassade

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Engineers for technique of facades

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Company Portrait

a..t..f exists since 1988 und is managed by us, Martina Walpi and Petar Reich, as company owner and project manager.

After our studies of architecture we have specialized as consulting engineers for technique of facades and since the foundation of our office we have projected far more than 1 million m² of façade constructions.

Together we have 60 years of job-experience in facade-technique on hand.

Regarding us, you have an experienced, engaged team of architects, technicians and clerks at your disposition.

Special attention is to be paid to the facade, being the second largest trade on a construction-project.

We are dedicated to this trade and regard every new project as a challenge to design an individual solution, paying special attention to translating the desired architecture for you, meeting the latest technical german (european) standards.

We are founding members of UBF - Unabhängige Berater für Fassadentechnik e.V. (Independent consultants for technique of facades).

Our performance is officially accepted as a separate performance of consulting engineers and is not regarded as the performance of an architect.



Range of activities

Awarding authority:

in most cases principal or general contractor

Objects:

newly constructed buildings and restoration of
office- and administrative buildings,
event halls,
high rise buildings
shopping centers
high quality apartment buildings

Facades:

facades of single windows in carcass and facades of additive window-units
mullion/transom facades
completely glazed facades
exhaust-windows and box-type windows
modulated facades of pre-fabricated elements
twin facades
point-fixed facades
ventilated facades of differing materials
glass-roof-constructions
reconstruction and restoration of historic natural stone facades
and steel window constructions

trading groups-facade:

aluminium facades
steel- and metal works
wood- and wood-aluminium-windows
glazing
sun- and glare-protection
natural stone- and ceramics-works
clinker-constructions
facades of prefabricated modules (architectural concrete)
facade-cleaning devices



Performance

advisory service for architects and principals (awarding authorities) or general constructors, concerning technique of facades

Transferral of the architect's designing demands into first sketches of details
Development of aluminium sections (object sections) - independent of producing companies

Comparison of alternating materials
preparing of sampling (prototype release)

Specified technical statements

Due to our long years of experience in almost all tasks of the building of facades, we are often assigned for a specified technical statement on the condition of an existing facade or the quality of the planned or assigned task.

Reference Details

Compilation of reference details in a 1:1 range (the reference details are attached to the tender reduced to a DIN A3 - Format)

We put very high standards on the grade of detailing in our reference details. For the architecture desired, they display the most economical solution, self-evidently under consideration of dependency on other facts like: facade-technical concerns, parameter of the physics of building, carcass-situation, and given static basics. Despite the high grade of detailing, the detail-drawings are construction-drafts. Together with the tender they become basics for the contract with the executing company.

The construction-details, necessary for the completion of the construction, are solely compiled on the basics of our details, by the executing facade-company. The number of detail-drawings per tender depends on size and complexity of the challenge. Regularly, for an office-building of medium size (4.500 -5.800 m²/ facade), approximately 30 - 40 are being drawn and attached to the tender.



Tender

Compilation of a detailed tender,
including

- Determination of the basic requirements concerning technique of facades, within the additional technical advices.
- Assignment of the façade locations to a description of positions
- Detailed description of the facades, their connections to the carcass as well as their elements
- mass related abstracted tender (BOQ)
- Compilation of positioning plans for the purpose of assigning the different duties

Participating in awarding procedure

Analyzing of the different offers and compilation of a price comparison list.

Participation in awarding interviews, aiming for equalization of the offers as regards content, while documenting the interview in the minutes.

Compilation of a comparison of the different tenderers and their offers.

Compilation of an awarding proposal.

Specified technical checking of conducting-plans

Checking of conduction-plans- of the constructing company from a specified-technical point of view.

This way we do not take the liability for the performance of the conducting company, but due to our technical examination the possible error rate is severely reduced.

We especially check on the compliance to contractual tasks, concerning the development of details.

In our function as independent consulting engineers for the technique of facades we are often in the position of a mediator between the architect and his/hers desires and the constructing company with her responsibilities resulting from the contract and the technical basics.



Inspection on site

Upon demand of the site management, we conduct spot-test inspections on site, as a self-contained consulting performance and take down the most relevant deficiencies, partially by photo-documentation. These inspections usually take place in the beginning, the middle and the end of a project. In case of an assignment in a foreign country, these inspections take place at the most once a month.

These inspections are conducted together with the site manager, so the clearance of the deficiencies can be supervised by the site-management during the every-day-business.

We do not fulfil tasks of site-management or specified-site-management and we are not continuously present on site with one of our employees. Survey of clearance of the deficiencies is responsibility of the site-management.

Memberships

Memberships exist in the following occupational units

UBF Unabhängige Berater für Fassadenntechnik e.V.

AKH Architektenkammer Hessen

■ references

The consulting engineers office a..t..f- architektur technik fassade exists since 1st may 1988.

Within the frame of this office, during the last 25 years we processed, amongst others,

the projects, mentioned below.

A complete list of references can be taken from our web-site. www.atf-ffm.de.

BREMER LANDESBANK, BREMEN

new construction and reconstruction of a natural stone facade

ARCHITECT: Caruso St. John, Zürich

PERFORMANCE: reference details and compilation of tender participation in awarding procedure
Specified consulting during the construction period

TYPE OF FACADE: wood-windows,
wood/aluminium-windows, aluminium-windows
clinker facade with elements of architectural concrete
ceramic facade
exterior plaster systems
reconstruction of natural stone facades
gates and façade cleaning systems



HERZOG ANTON ULRICH MUSEUM, BRAUNSCHWEIG

restauration of a museum building

ARCHITECT: Kleineberg GmbH & Co. KG, Braunschweig

PERFORMANCE: reference details and compilation of tender

TYPE OF FACADE: aluminium windows in existing historical facade,
glass roofs including sun protection.





ECE-EINKAUFSZENTRUM, SKYLINE PLAZA, FRANKFURT AM MAIN

new construction of a shopping center

ARCHITECT:
(facade) Jourdan & Müller PAS,
Frankfurt

PERFORMANCE: reference details and compilation of tender
participation in awarding procedure

TYPE OF FACADE: 5.400 m² mullion/transom facades,
15.000 m² aluminium louvers - construction,
6.000 m² aluminium construction
thermally insulation composite system,
1.600 m² glass roofs



BIKINI, BERLIN

reconstruction and restoration of an office – and commercial building
complex, with high rise building (hotel) and shopping mall

ARCHITECT: Studio Arne Quinze, Kortlik, Belgien
KEC Architekten, Berlin
Hild u K Architekten, München

PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure,
development of sections for the window façade
according to the demands of protection of
historic buildings,
checking of conduction-plans,
on site inspections,
checking and evaluation of additional offers.

TYPE OF FACADE: appx. 15.000 m² mullion/transom – and
modulated window façade,
elemented- and window facade
appx. 3.500m² mall facade,
appx. 700 m² glass roofs
appx .500 m² reconstruction of typical
50 s windows
appx. 2.300 m² aluminium sheet cladding





RIEM HOTELS, MÜNCHEN

new construction, hotel building

ARCHITECT: Goetz Hootz Castorph, München

PERFORMANCE: reference details and compilation of tender
participation in awarding procedure
checking of conduction-plans,
on site inspections

TYPE OF FACADE: approx. 1.300 m² mullion/transom – facade
approx. 12.000 m² modulated façade
including
approx. 9.000 m² aluminium-sheet
pilaster cassettes
special designed lumination system



SPARKASSENKADEMIE, STUTTGART

new construction of a company-training – and apartment building

ARCHITECT: Wöhr Mieslinger Architekten, Stuttgart

PERFORMANCE: reference details and compilation of tender
participation in awarding procedure
checking of conduction-plans,
on site inspections

TYPE OF FACADE: approx. 9.000 m²,
aluminium/wood mullion/transom façade,
aluminium/wood windows
and natural stone facade



STADTTHEATER ASCHAFFENBURG

Expansion, modification and renovation of a neo classical theatre, according to the demands of protection of historic buildings

- ARCHITECT: Scheffler und Partner, Frankfurt
- PERFORMANCE: reference details and compilation of tender
checking of conduction-plans
- TYPE OF FACADE: 2 – story foyer facade
approx. 540 m² steel mullion-/transom
construction
approx. 90 m² glazed roof



HEALTH CLINIC, SPANGDAHLEM

new construction of a clinic

- ARCHITECT: Faust Consult, Wiesbaden
- PERFORMANCE: reference details and compilation of tender,
regarding high security standards against terror
attacks
checking of conduction-plans,
on site inspections
- TYPE OF FACADE: approx. 2.100 m² mullion-/transom
constructions,
approx. 620 m² modulated window-facade
approx. 1.700 m² natural stone facade



KOMM!, OFFENBACH

new construction of a shopping mall

- ARCHITECT: Architektenengruppe N+M GmbH, Offenbach
- PERFORMANCE: reference details and compilation of tender,
checking of conduction-plans
- TYPE OF FACADE: approx. 1.200 m² mullion-/transom construction,
with brass sheet claddings,
approx. 4.700 m² modulated facade,
approx. 900 m² natural stone facade





FERIHEGY INTERNATIONAL AIRPORT, TERMINAL 2, BUDAPEST

new construction of an airport expansion

ARCHITECT: KÖZTI, Budapest

PERFORMANCE: reference details and compilation of tender,
checking of conduction-plans;
on site inspections

TYPE OF FACADE: approx. 17.400 m² mullion-/transom
constructions and glass roofs,
18 m high steel/glass façade with sound
protection,
approx. 36.500 m² aluminium cladding



BÜRO- UND GEWERBEPARK, TEGERNSEER LANDSTRASSE (AGFA GELÄNDE), MÜNCHEN

new construction of an office building and hotel, high rise with surrounding buildings

ARCHITECT: Hild und K, München

PERFORMANCE: reference details and compilation of tender,
checking of conduction-plans;
plan coordination
participation in awarding procedure

TYPE OF FACADE: approx. 11.000 m² façade of single windows in
carcass,
approx. 8.000 m² facade of precast architectural
concrete,
approx. 14.000 m² aluminium cladding





STADTWERKE VERKEHRSGESELLSCHAFT, FRANKFURT

Expansion and modification of the service center, in an old existing facade

- ARCHITECT: Scheffler und Partner, Frankfurt
- PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections
- TYPE OF FACADE: approx. 1.900 m² mullion-/transom constructions
and of single windows in carcass
approx. 1.500 m² natural stone facade



CAMPUS WESTEND, FRANKFURT

new construction of a new university campus
library, jurisprudence and economic sciences

- ARCHITECT: Thomas Müller Ivan Reimann
Architekten, Berlin
- PERFORMANCE : compilation of reference details
- TYPE OF FACADE: approx. 7.600 m² facade of single windows in
carcass,
approx. 4.600 m² natural stone facade,
approx. 2.100 m² modulated facade



STADTGALERIE, PASSAU

new construction of a shopping center

- ARCHITECT: Jost Hering + Gisela Simon, Hamburg
- PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections
- TYPE OF FACADE: approx. 5.600 m² facade of punched
aluminium sheets,
approx. 1.100 m² mullion-/transom constructions,
approx. 760 m² glass roof constructions





LIMBECKER PLATZ, ESSEN

new construction of a shopping mall

ARCHITECT: Jost Hering + Gisela Simon, Hamburg

PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections

TYPE OF FACADE: approx. 2.300 m² mullion-/transom-constructions,
approx. 6.300 m² facade of punched aluminium
sheets,
approx. 1.500 m² glass roof constructions



KIA EUROPAZENTRALE, FRANKFURT

new construction of a car showroom and sales building with combined office
high rise building

ARCHITECT: TAKENAKA EUROPE GmbH, Frankfurt

PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure

TYPE OF FACADE: approx. 8.800 m² modulated facade
approx. 2.300 m² mullion-/transom-constructions,
approx. 2.000 m² glazed façade (thermally not





HYUNDAI EUROPAZENTRALE, OFFENBACH

new construction of an office building

ARCHITECT: Braun + Voigt, Frankfurt

PERFORMANCE: reference details and compilation of tender,

TYPE OF FACADE: approx. 6.200 m² modulated facade
approx. 1.350 m² mullion-/transom-constructions
and glass roof



GALERIA KAUFHOF AM ALEXANDERPLATZ, BERLIN

new construction and renovation of an existing shopping centre, during running business

ARCHITECT: Kleihues + Kleihues, Berlin

PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections

TYPE OF FACADE: approx. 12.000 m² facade, consisting of
modulated metal sheet – and natural stone facade
natural stone façade in
mullion-/transom constructions
glass roof construction
aluminium sheet facade

ALTER HOF, LORENZISTOCK, PFISTERSTOCK UND BRUNNENSTOCK; MÜNCHEN

restoration and modification of an apartment-, office- and business-building

ARCHITECT: Kulka und Partner, Köln
Auer und Weber, München

PERFORMANCE: reference details and compilation of tender,

TYPE OF FACADE: approx. 6.000 m² facade, consisting of
wood- and wood/aluminium constructions,
aluminium constructions,
special design - steel-/aluminium roof
constructions,
with a sunprotection system of ceramic louvers



MERCEDES BENZ CENTER; STUTTGART

New construction of an office building and car show room

- ARCHITECT: Kohlbecker, A + E. Kohlbecker + Partner,
Gaggenau
- PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections
- TYPE OF FACADE: approx. 5.600 m² facade, consisting of
special design - steel-/aluminium mullion-/transom
construction
with aluminium sheet cladding

EASTGATE, Einkaufszentrum, Berlin

new construction of a shopping mall

- ARCHITECT: Jost Hering + Gisela Simon, Hamburg
- PERFORMANCE: compilation of tender,
participation in awarding procedure
- TYPE OF FACADE: approx. 16.000 m² facade consisting of
aluminium mullion-/transom constructions
cladding of moulded aluminium - sheets
modulated window-facade

SCHRANNENHALLE, München

restauration and partial new construction of an historic market hall

- ARCHITECT: Garbe + Garbe, Ebersberg
- PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections
- TYPE OF FACADE: approx. 2.500 m²
special design steel-/aluminium construction
approx. 800 m²
mullion-/transom construction combined with
a special designed glazed facade
(thermally not insulated)





GESCHÄFTSHAUS KAUFINGERSTRASSE; München

New construction of an office- and business-complex

ARCHITECT: Hierl Architekten und RKW Architekten, München

PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections

TYPE OF FACADE: approx. 2.000 m²
modulated brass-/natural stone- and aluminium
facade

LEIPZIGER PLATZ, BERLIN

New construction of an apartment- and business building

ARCHITECT: Müller – Reimann Architekten, Berlin

PERFORMANCE: checking of conduction-plans;
on site inspections

TYPE OF FACADE: approx. 21.000 m²
box window constructions from
wood-/aluminium
and brass-/wood combinations,
natural stone facade

ROOSEVELTPLATZ, Bürogebäude, BUDAPEST

new construction of an office- and business-complex

ARCHITECT: Turányi és Simon Építésziroda Kft, Budapest

PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections

TYPE OF FACADE: approx. 4.600 m² modulated facade
approx. 1.400 m² natural stone facade
approx. 2.500 m² window-constructions



TOUR CBX, Bürogebäude, PARIS LA DEFENSE

new construction of an office high rise
checking of conduction plans and quality management

ARCHITECT: Kohn, Pedersen, Fox, New York,
Rouit – Metge, Chatillon

PERFORMANCE: checking of conduction-plans;
on site inspections
quality management

TYPE OF FACADE: modulated facade

WEST 4, MÜNCHEN

Neubau eines Büro- und Geschäftsgebäudes
New construction of an office- and business-complex

ARCHITECT: BKL Architekten BDA, München

PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections

TYPE OF FACADE: approx. 4.300 m² elemented window facade
approx. 5.000 m² ceramic facade
approx. 2.500 m² copper sheet facade
approx. 12.700 m² modulated facade
approx. 1.070 m² mullion-/transom facades



LENNÉSTRASSE, BERLIN

new construction of an apartment- and office-building

ARCHITECT: Petzinka Pink Architekten, Düsseldorf

PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections

TYPE OF FACADE: approx. 2.000 m² double faced facade
approx. 500 m² mullion-/transom facade
approx. 1.000 m² glass ceramics facade





SKYLINE TOWER, MÜNCHEN

new construction of an office high rise with surrounding buildings

ARCHITECT: Murphy / Jahn, Chicago

PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure

TYPE OF FACADE: approx. 22.600 m² modulated facade
approx. 6.200 m² roof-construction
approx. 2.000 m² thermally not insulated
steel-construction
approx. 800 m² aluminium sheet cladding



MAC, MAIN AIRPORT CENTER, FRANKFURT AM MAIN

new construction of an office building with car park

ARCHITECT : ABB mit Pete Welbergen, Frankfurt am Main

PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections

TYPE OF FACADE: approx. 25.600 m² modulated facade
approx. 1.870 m² mullion-/transom facade
approx. 7.000 m² façade from aluminium-louvers
for car park





HOCHHAUS LYONER STRASSE 36, BÜROSTADT FRANKFURT/M - NIEDERRAD

complete renovation of a high rise building, modulated facade with moulded sheets and SG –glazing

ARCHITECT: JSK, Frankfurt am Main

PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections

TYPE OF FACADE: approx. 11.800 m² modulated facade
with moulded aluminium sheets
approx. 3.000 m² modulated structural glazing
(SG) facade



ROSENHEIMER PLATZ, MÜNCHEN

new construction of a business building

ARCHITECT: GOETZ + HOOTZ, München

PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections

TYPE OF FACADE: aluminium box-window constructions
approx. 700 m² aluminium – clad facade
approx. 5.300 m² natural stone – and
glazed facade (thermally not insulated)

HOFGARTENPALAIS, Karl-Scharnagl-Ring, MÜNCHEN

new construction of a business building

ARCHITECT: HILMER + SATTLER + ALBRECHT, München

PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections

TYPE OF FACADE: approx. 3.600 m² box-window constructions
approx. 1.400 m² aluminium-clad facade
approx. 3.500 m² architectural precast concrete
with a cover of clinker





WOHNTURM AM DEUTSCHHERRENUFER, FRANKFURT

new construction of an apartment high rise building

- ARCHITECT : Kollhoff + Timmermann, Berlin
- PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections
- TYPE OF FACADE: approx. 12.000 m² clinker facade



WOHNEN AM LANDTAG, DÜSSELDORF

new construction of an apartment- and office high rise

- ARCHITECT: DÖRING, DAHMEN, JOERESSEN, Düsseldorf
- PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections
- TYPE OF FACADE: approx. 4.100 m² modulated facade
approx. 1.600 m² ceramic facade
approx. 5.700 m² natural stone facade
approx. 1.460 m² PVC-windows



LINOTYPE-HELL, ESCHBORN

new construction of an office high rise

- ARCHITECT : Design:
AIC Bau-Planungs-und Consulting
GmbH, Deisenhofen
- Execution:
Novotny Mähner & Assoziierte, Offenbach
- PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections
- TYPE OF FACADE: approx. 12.350 m² metal- and glass facade





MSCRM, MEDIA-SERVICE-CENTER-RHEIN-MAIN, MAINZ
new construction of an office high rise

ARCHITECT: INFRA, Gesellschaft für Umweltplanung mbH,
Mainz

PERFORMANCE: reference details and compilation of tender,
participation in awarding procedure
checking of conduction-plans;
on site inspections

TYPE OF FACADE: approx. 750 m² mullion-/transom facade
approx. 600 m² glass- and tiles-facade
(thermally not insulated)
appx. 450 m² natural stone façade