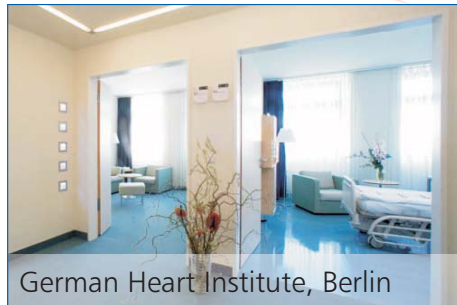




Olympic Village, Vancouver



German Heart Institute, Berlin



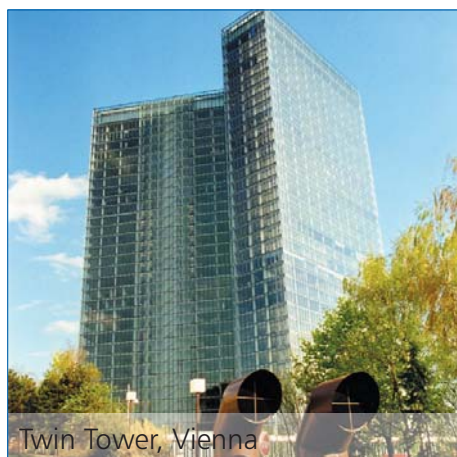
Residence San Francisco, Fustiñana



Allianz Treptowers, Berlin



GUCCI, Munich



Twin Tower, Vienna



Parkview, Beijing

Survey of References

Germany

Phönix Logistikzentrum	Heddesheim	2012
Ategris	Mühlheim an der Ruhr	2012
IG Metall Educational Centre	Sprockhövel	2011
DTB Gymakademie	Frankfurt / Main	2011
Abgeordnetenhaus (House of Representatives)	Berlin	2010
Klinikum Brandenburg (municipal hospital)	Brandenburg an der Havel	2010
Überseequartier	Hamburg	2010
Westfalentower	Dortmund	2009
Sky Office	Düsseldorf	2009
Federal Environment Ministry	Berlin	2009
Rindermarkt 5	Munich	2009
Q-Cells	Thalheim	2008
Jacobs, Technology Park	Cologne	2008
Alte Brauerei	Mannheim	2008
Alphahouse	Offenbach	2007
Red Square	Neu Isenburg	2007
Stadtsparkasse	Oberhausen	2007
Korean Embassy	Berlin	2006
Chinese Cultural Center	Berlin	2006
Hasso Plattner Institute	Potsdam	2006
Opern Carrée	Berlin	2006
Köbisdreieck	Berlin	2005
Dekra Real Estate	Frankfurt / Main	2005
Oberbaumcity	Berlin	2005
C & A	Düsseldorf	2005
Canadian Embassy	Berlin	2004
Verdi	Berlin	2004
Kraft	Filderstadt	2003
Tectum 10	Frankfurt / Main	2003
Office MK 3	Munich	2002
A + T Potsdamer Platz	Berlin	2002
Forum Köln	Cologne	2001
Spreepalais	Berlin	2001
DG Bank	Munich	2000
Bahlsen KG	Hannover	2000
Victoria Insurance	Frankfurt / Main	1999
City Carrée	Berlin	1998
Treptowers, Allianz Headquarters	Berlin	1997
Samsung Headquarter of Germany	Schwalbach	1996

France

Hôpital Jossigny	Lagny	2012
IGN / Météo France	Saint Mandé	2011
Green Office Bouygues	Meudon	2010
SAS Le Vaisseau	Paris	2009
Chateau Montrose	Médoc	2008
Roche	Moulins	2008
Hopital Lenvai	Nice	2007
CNIT	Paris	2007
OPAC	Paris	2007
CHS	Sevrey	2006
Polyclinique de Blois	Notre Dame D'Oe	2005
Maison de Région	Alsace	2004
ETS Jaffre Briant	Trégunc	2003
CCI	Annecy	2002
Villas	Côte D'Azur	2001
Immeuble le Peletier	Paris	2000
Les Toleries de la Deule	Quesnoy sur Deule	1999
Anatole France	Paris	1998
France Télévision	Paris	1997

Netherlands / Belgium / Luxembourg

Rabobank	Doetinchem	2011
Rabobank Financial advice center	Apeldoorn	2010
Aegon	The Hague	2009
Achmea	Leeuwarden	2009
ABP Headquarters	Heerlen	2008
De Mandemakers Groep (DMG)	Waalwijk	2008
Eureko Headquarters	Zeist	2008
Politie/Brandweer	Apeldoorn	2007
P22 Schiphol	Amsterdam	2007
Shell Siep	Rijswijk	2006
Office R.-Cube	Luxembourg	2006
NS Stationslocatie	Maastricht	2005
Drosbach	Luxembourg	2005
Rabobank	Kromme	2003
FMO de Groene Schenk	The Hague	2002
Meetskundige Dienst	Delft	2001
Kender Thijssen	Veenendaal	2001
Oranje Nassau	Heerleen	2000
British Telecom	Amsterdam	1999
UCB Pharma	Brussels	1998
Dr. van der Hoevenkliniek	Utrecht	1997

Austria / Switzerland

Gottwald	Melk	2012
ÖGB	Innsbruck	2011
Chasa Felaria	Samnaun (CH)	2011
ÖWG Wohnbau	Graz	2010
Raiffeisenbank	Lenzburg	2010
Faculty Library	Innsbruck	2009
Technology Center	Tulln	2008
Volksbank	Bregenz	2008
Sparkasse	Linz	2007
Mohren Brewery	Dornbirn	2006
Emergency Hospital	Graz	2006
Senebier	Geneva	2006
Conference Building	Innsbruck	2005
Eos	Lausanne	2005
IMB Headquarter	Geneva	2005
IBM Forum	Vienna	2004
Sablons	Morges	2004
Joop	Vienna	2003
Uniqua Tower	Vienna	2003
Generali Insurance	Geneva	2003
KEBA	Linz	2002
Cartier	Geneva	2002
Devis	Geneva	2002
Credit Agricole	Geneva	2001
UBS	Geneva	2001
Twin Tower	Vienna	2000/2001
Academy of Science	Vienna	1999
Systor AG	Zurich	1999

Italy

Jeweller's Shop Biscontin	Pordenone	2008
Fagioli	Parma	2007
Ecological Village	Preganziol	2006
Condominium	Da Pra	2006
Residence Debbiano Scandicci	Florence	2005
Villaggio Preganziol	Treviso	2005
Il Cassero Museum	Bologna	2004
Hotel Adler Thermae	Bagno Vignoni	2004
Nursery	Novara	2003
Raiffeisenbank	St. Lorenzen	2002
Hospital	Santarcangelo di Romagna	2002
Hotel Euroterme	Bagno di Romagna	2000

Spain / Andorra / Portugal

Gamesa	Pamplona	2012
Conservatorio Profesional de Música	Pamplona	2011
Museo das peregrinacións e de Santiago	Santiago de Compostela	2011
Offices Heracles	Andorra	2010
Banca Privada d'Andorra, S.A.	Andorra	2009
Vivenda Tudela	Tudela	2008
Infant School Toninaina	Inca (Mallorca)	2008
Banco Credit Centre	Andorra	2008
Hospital de la Santa Creu	Vic	2007
Edificio de Sanidad	Bilbao	2007
Dynamobel Headquarters	Navarra	2007
Residencia Amma	Horta	2006
Hotel Acosta Centro	Almendralejo	2006
Hospital of Vouzela	Viseu (Vouzela)	2006
Hospital MAZ	Zaragoza	2005
Hotel La Joyosa Guarda	Navarra	2005
Semilleros-Diez	Vizcaya	2004
Centro Maristas	Vizcaya	2004
Casa das Mudas	Madeira	2004
CITIB Office	Mallorca	2003
Pau Queimado	Lisbon	2003
Alvaro Siza	Lisbon	2003
Hospital Vic	Barcelona	2002
Casa Vienna	Algarve	2002
Nordoeste 32	Algarve	2002
Residencia Fustinana	Navarra	2001
Hospital Laboratory	Pamplona	2000
Bodega Arinzano	Navarra	1999
Caja Navarra	Pamplona	1998

Greece

Elianto	Athen	2010
Alexopoulos	Athen	2009
EFG Eurobank	Athens	2008
E.C.C. Office	Athens	2008
Villa	Kos	2007
Museum of the Lesbos Island	Lesbos	2006
Villa	Athens	2006
Bioclimatic Offices	Athens	2005
Private House Barbalias	Athens	2005

Poland / Czech Republic / Slovakia

Business Center Plus	Bratislava, SK	2012
HIT	Litomerice, CZ	2010
TV Nova	Prague, CZ	2009
Castle	Tonkovce, SK	2007
Residential Building	Ceska Lipa, CZ	2007
Science Institute	Prague, CZ	2006
Lofts	Prague, CZ	2006
G-TERM Center	Plana ned Luznici, CZ	2006
Airport	Pribram, CZ	2005
Polyfunctional House	Ústi nad Labem, CZ	2004
Codep s.r.o	Prague, CZ	2004
Villa Wilanow	Warsaw, PL	2003

Hungary / Montenegro / Ukraine

Hotel President	Budapest, H	2009
Dialysis Centre Péterfy Sándor Hospital	Budapest, H	2009
Model apartment	Dnepropetrovsk, Ukraine	2009
Korányi Hospital	Budakeszi, H	2008
Apartments Zsombor	Budapest, H	2008
Zalabau	Zalaegerszeg, H	2007
Hunguest Hotel Sun Resort	Herceg-Novi, MNE	2006
Hotel Anna Grand	Balatonfüred, H	2006
Duna-Pest Residences	Budapest, H	2005
Anjou House	Budapest, H	2003

Baltic States / Scandinavia / United Kingdom

Wildwood Road	London, UK	2010
Police station	Copenhagen, Denmark	2009
North House	London, UK	2009
Grecinieku Street	Riga, Latvia	2009
Villa	Vilnius, Lithuania	2008
Family home	Trondheim, Norway	2006

North and South

Cuneo Hall	Chicago	2012
Perkins + Will Atlanta Office	Atlanta, USA	2010/11
Secretaría de Seguridad Pública	Mexico	2009
Asociación Chilena de Seguridad (ACHS)	Santiago, Chile	2009
Delta Hospice	Vancouver, Canada	2009
Oberlin College	Chicago, USA	2009
Olympic Village	Vancouver, Canada	2008
Flat Iron Penthouse	Vancouver, Canada	2007
Casa Quintanilla	Mexico	2007
Illinois Institute of Technology	Chicago, USA	2007
Alerces	Mexico	2006

Asia and Oceania / Africa

Jinmaofu	Beijing, China	2012
Royal Nanjing	Nanjing	2011
Fushuiyifang Apartment	Tianjin, China	2010
Villa	Algier, Algeria	2010
Parkview	Beijing, China	2009
Xiangxingyuan (Villa)	Qingdao, China	2009
Port villa	Sydney, Australia	2009
Nanjing Fengshang	Nanjing, China	2008
Office Building Zhaoshangdichan	Shenzhen, China	2008
Olympic Village	Beijing, China	2007
Huisen	Tianjin, China	2007
Chinese Restaurant	Gunsan, Korea	2006
Jingzue Building	Changchun, China	2005
Science & Technology Committee	Beijing, China	2005

Olympic Village, Vancouver

Project: Olympic and Paralympic Village
Place: Vancouver, (British Columbia) Canada
Architects: Merrick Architecture, gBL Architects
Time: 2009
Use: Residential
Area: 60,000 m² cooling & heating ceiling
Type: Plasterboard ceiling

BEKA mats in large-scale projects

This large and high prestige object had to be realised in comparatively short time. A precise preparation as well as room specific production and packaging by the manufacturer BEKA made a quick and smooth installation possible.

During the Winter Olympic and Paralympic Games 2010, the buildings are used by about 2,800 athletes and officials. Afterwards, the majority of the upmarket apartments are sold, another part is rented as affordable housing. The so called Millennium Water Project is North America's first truly sustainable neighbourhood and will certify to LEED Gold standard.



Aerial view of the Olympic Village



Model apartment

Treptowers, Berlin

Project: Treptowers
Place: Berlin, Germany
Scop: Tower and retrofitted buildings
Time: March - October 1997
Use: Offices
Area: 10,500 sqm
Type: Metal Cassette Ceiling

Special ceiling panels with BEKA capillary tube mats provide an increased cooling capacity in the fully glazed skyscraper.



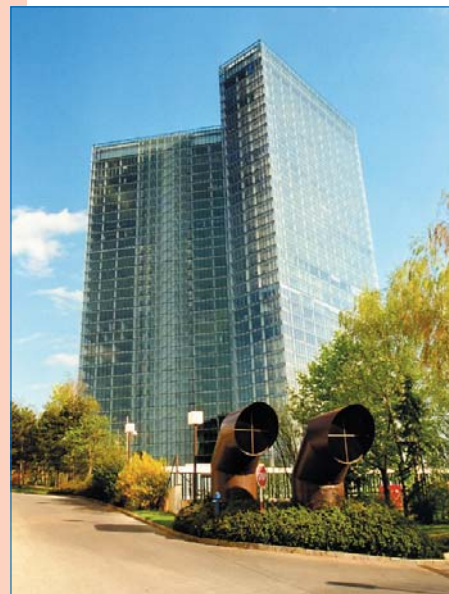
Model office of the company WINI Büromöbel (photos: WINI)

Twin Tower, Vienna

Project: Vienna Twin Tower
Place: Vienna, Austria
Time: Autumn 2000
Owner: Wienerberger AG
Use: Offices
Area: 29,000 sqm active cooling area
Type: Metal Cassette Ceiling

BEKA Cooling Ceiling with metal cassettes

- Capillary tube mats glued on metal cassettes
- Connection with flexible hoses
- Best prefabrication for capillary tube mats and supply lines, therefore quick installation



Spreepalais, Berlin

Project: Spreepalais
Place: Berlin, Germany
Time: Spring 2001
Owner: Regionale Hausbau GmbH
Use: Offices
Area: 10,000 sqm active cooling ceiling
Type: Plaster Ceiling

BEKA Cooling System for Plaster Ceiling

- Flexible arrangements of offices
- Very fast installation
- Fixing and plastering at the same time
- Wet-in-wet technique



Hospital de la Santa Creu, Vic

Project: Hospital de la Santa Creu
Place: Vic (Barcelona), Spain
Architect: Jaime Ylla Vilarrubia
Time: 2002-04
Use: Hospital, nursing home
Area: 3,000 m²
Type: Plater-bord ceiling

The delicate state of health of the patients requires silent and draught-free air conditioning. BEKA capillary tube mats are used for cooling and heating in sickrooms, corridors and common rooms of the geriatric hospital.
In 2007, installations in further areas like the Alzheimer station followed.



Gamesa , Pamplona

Project: Gamesa Building
Place: Sarriguren, Spain
Time: March - August 2012
Use: Offices
Area: 6000 m² cooling & heating ceiling
Type: Plaster Ceiling

The cylindrical shape of this building project in Spain reduced the cladding surface by 35%, and together with the BEKA capillary tube for optimized energy efficiency.



Abgeordnetenhaus von Berlin (House of Representatives), Berlin

Project: Abgeordnetenhaus von Berlin
(House of Representatives)

Place: Berlin

Time: Juli-August 2010

Use: Parliament (offices)

Area: 2,500 m²

Type: Plaster ceiling, wall cooling

Function: Cooling

In order to avoid disturbance of the parliamentary work of the State Parliament of Berlin, the installation had to be done during summer recess. In only six weeks, energy saving radiant cooling with BEKA capillary tube mats were installed in all the top floor offices.



The building was erected according to plans of Friedrich Schulze between 1892 and 1899 as Preussischer Landtag (Prussian State Assembly). The neo-Renaissance style building is situated in the city centre near Potsdamer Platz. In 1993 it became seat of the State Parliament of Berlin.



Image: Abgeordnetenhaus von Berlin

Schloss Solms, Butzbach (Chateau Solms)

Project: Schloss Solms
(Chateau Solms)

Place: Butzbach, Hessen

Architect: Konbau Butzbach + Gefga

Time: Sept. 2009 - Dez. 2012

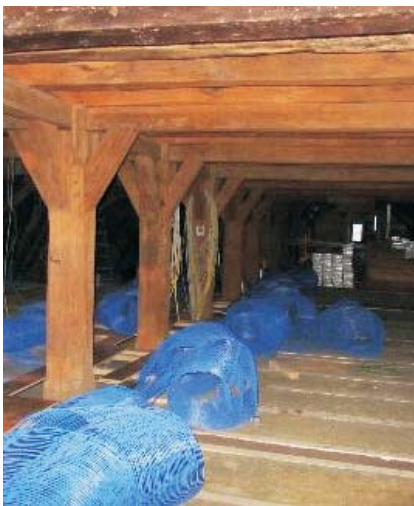
Use: public building

Area: 750 m² cooling & heating

Type: Dry-wall, Plaster Ceiling
and underfloor heating



Renovation of a historic listed building. The thin capillary tubes of BEKA mats allowed comparatively low construction heights. This allowed the interior design with window arches remain in substance and character.



Fotos: Konbau

DG Bank, Berlin

Project: DG Bank
Place: Berlin, Germany
Time: 1999
Use: Bank
Area: 3,600 sqm
Type: Dry-wall Construction Ceiling

- Heating and cooling with one ceiling system
- Installation with BEKA prefabricated elements means quick installation and fixed costs

Modern building construction in the historical district of Berlin, between the famous hotel Adlon and the Brandenburg Gate.



German Heart Institute, Berlin

Project: DHZB Dependence Paulinen Hospital
Place: Berlin
Time: 2001
Owner: German Heart Institute Berlin (DHZB)
Use: Hospital
Area: 320 m²
Type: Dry mortarless construction panel with BEKA capillary tubes and thermal conductive paste

The German Heart Institute Berlin is a high-performance hospital for cardiac patients. In its ward in the Paulinen Hospital, it offers luxurious single rooms and suites for postoperative treatment. The cooling and heating ceiling with BEKA capillary tube mats meets the high demands for hygiene and comfort in the sickrooms.



Patient's suite

Korean Embassy, Berlin

Project: Embassy of the Republic of Korea
Place: Berlin, Germany
Architects: Braun und Schlockermann
Time: 2006
Use: Representation
Area: 4,500 sqm
Type: Plaster Ceiling

The architecture firm Braun und Schlockermann designed this five-storey representative building. A combined cooling and heating system with BEKA capillary tube mats provides pleasant temperatures around the year.

As part of the TRIUM near the Tiergarten, the Korean Embassy shows traditional Korean architectural style in a modern interpretation.



Villa Pueblo, Colorado

Project: Villa in Pueblo
Place: Pueblo (Colorado), USA
Time: 2007
Use: Private House
Area: 500 m²
Type: Dry-wall Construction

Large windows and hot climate make high demands on climatisation. Thus, a cooling ceiling with BEKA capillary tube mats was installed in this modern villa.

Even with outside temperatures of 40°C, the house remains pleasantly cool - without draught. Uniform temperatures and low energy costs please the house owner .



BA Business Center , Bratislava

Project: Business Center Plus
Place: Bratislava
Architects: Bogár, Králik & Urban
Time: 2012
Use: Offices
Area: 6000 m² cooling & heating ceiling
Type: Metal Cassette Ceiling

The BEKA capillary tube was from the outset an integral part of planning for the Business Plus in Bratislava, because in this project the LEED building standard to be achieved.



The metal panels were fitted with BEKA capillary tube with the hot-melt process.

To ensure high efficiency, was applied to the capillary tube back a 20mm thick insulation.



Kontoor Noordeinde, The Hague

Project: Kontoor Noordeinde

Place: The Hague, Netherlands

Scope: Renovation of a building under a preservation order

Time: October - December 1997

Use: Consulting

Area: 470 sqm active cooling ceiling

Type: Plaster Ceiling

BEKA Cooling System for Plaster Ceiling

- directly fixed at the rough ceiling and plastered
- very light weight
- small surface mounting between 10 to 12 mm
- very flexible concerning vaults and ceiling cuts

Near by the royal residence in The Hague, the Kontoor Noordeinde was build up by a Dutch bank.

After a complete renovation, this historical treasure is used for state receptions.



Office