

# architettura & design

2015

## German Architecture

J. MAYER H. / HASCHER JEHLE / schneider+schumacher

## EXPO Milano 2015

Italian Pavilion / EXPO Village

*Design  
innovation+craftsmanship*

Special Salone Satellite

Arata Isozaki / Andrea Maffei  
**Skyscraper Allianz**  
Milan, Italy

**Grand Palace**  
Lugano, Swiss

**Sorbonne University**  
Clignancourt - Paris, France

**New High School**  
Bochum, Germany

Daniel Libeskind / H2A

Centre de Congrès Mons, Belgium



Camponovo architetti  
& associati  
6932 Lugano - Breganzona [CH]

PROJECT LOCATION

Piazza Bernardino Luini 3/4/5  
6932 Lugano  
*Ticino (Swiss)*

Affacciati sul lago 28  
appartamenti di gran prestigio



Residenza Grand Palace



La Residenza Grand Palace, rinata dalla ri-strutturazione del precedente Hotel Palace, è uno degli edifici simbolo della città di Lugano e si inserisce in un più ampio contesto di riqualificazione urbana dove trovano posto l'adiacente chiesa di Santa Maria degli Angeli con il relativo chiostro ed il Polo Culturale con un museo e teatro.

Le ampie pavimentazioni esterne a formazione di una nuova piazza insieme all'edificio ri-strutturato costituiscono un vero elemento di transizione tra il centro storico cittadino e la parte nuova della città.

Il progetto architettonico conferito allo studio Camponovo Architetti & associati con sede a Lugano, interpreta la nuova costruzione contrapponendo alla sapiente ristrutturazione delle facciate storiche fronte lago (dichiarate protette dalla Commissione Cantonale dei Monumenti Storici), un volume costruito completamente a nuovo, segno di contemporaneità dell'intervento, dando così chiara lettura dell'edificio a ricerca di equilibrio tra antico e nuovo, in un rapporto dinamico di forme, spazi e materiali. La lettura del com-

plesso risulta così essere chiara e sincera. Sulla facciata a lago sono collocate anche quattro sculture maschili in pietra dette "Omenoni", a sostegno del balcone d'onore del "piano nobile" sopra all'entrata principale. Le nuove facciate interne sono state realizzate con una parete portante ventilata, rivestita da pannelli di grande formato in alluminio termolaccato con vernici speciali, dove sapientemente si dispongono le finestre a tutt'altezza (pavimento-soffitto) caratterizzate da tagli verticali in modo da riprendere la tipologia delle aperture dell'antico chiostro confinante. L'intervento di riqualificazione dell'edificio, pensato dall'architetto Camponovo, avendo come obiettivo sia l'aspetto architettonico dell'immobile che l'attenzione all'identità del luogo, ha portato alla creazione di attività commerciali al piano terra ed in parte anche al primo interrato, conferendo all'immobile un concetto urbano di nuove relazioni sottolineate dai vari attraversamenti pedonali verso le parti interne dello stesso e le sue corti. Per i piani superiori è stata scelta la destinazione residenziale che ha portato alla crea-

zione di 28 appartamenti (anche duplex) di grande prestigio, con ampie metrature e balconi originali che si affacciano sul lago. I soffitti sono stati mantenuti e valorizzati con altezze generose, proprie dell'edificio storico. Sono stati raggiunti anche alti standard tecnologici per quanto riguarda gli impianti energetici, al fine di soddisfare le più ampie e recenti richieste del mercato immobiliare: pompe di calore con captazione acqua di lago per riscaldamento e raffreddamento; impianto di trattamento, deumidificazione e compensazione dell'aria; climatizzazione tramite soffitti attivi; impianti elettrici realizzati con tecnologia domotica gestibili tramite web, sistemi multimediali per satellite, telefonia ed internet, fibra ottica, videosorveglianza, allarmi antincendio ed antintrusione, ecc. Grande importanza è stata data ai vari dettagli costruttivi volti a contenere le emissioni foniche sia all'interno dei singoli appartamenti che provenienti da fonti esterne all'edificio. Inoltre è stato utilizzato il più recente sistema di protezione della superficie NP® per proteggere la facciata storica.





*"Ricerca di equilibrio tra antico e nuovo, in un rapporto dinamico di forme, spazi e materiali"*

*"Searching for balance between old and new, in a dynamic relationship of form, space and materials"*

Residenza Grand Palace, reborn from the renovation of the former Hotel Palace, is one of the landmark buildings in the city of Lugano and part of a broader context of urban regeneration including the adjacent church of Santa Maria degli Angeli with its cloister and the Cultural Centre with a museum and theater.

The wide external pavings forming a new square that together with the renovated building, constitute a real element of transition between the historic city center and the new part of the city.

The architectural project awarded to the Studio - Camponovo Architects & Associates based in Lugano, interprets the new building contrasting the renovation of historic facades facing the lake (declared protected by the Cantonal Commission of Historical Monuments) and a completely new built volume, sign of contemporaneity, giving a clear reading of the building in search for balance between old and new, in a dynamic relationship of form, space and materials. On the side facing the lake are also placed four male sculptures in stone called "Omenoni", to support the balcony of honor of the "noble floor" above the main entrance.

The new interior facades are realized with a ventilated load-bearing wall, covered with large format panels in aluminum powder coated with special paints, where expertly have been arranged the floor-to-ceiling windows characterized by vertical cuts in order to resume the type of openings of the ancient cloister neighbor.

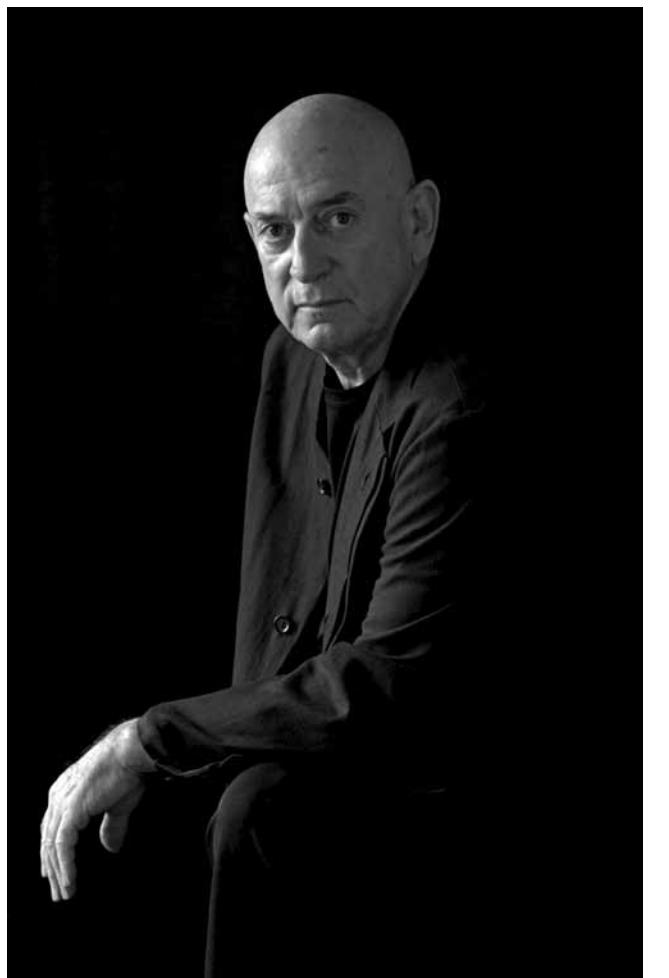
The redevelopment of the building, designed by architect Camponovo, targeting both the architectural appearance of the property and the attention to the place identity, led to the creation of commercial activities on the ground floor and partly in the first basement, giving to the building a new urban concept of relations underlined by various pedestrian crossings towards its inner parts and its courts.

To the upper floors was chosen for residential use which led to the creation of 28 apartments (also duplex) of great prestige, with large sizes and original balconies that overlook the lake. The ceilings have been maintained and enhanced with generous heights, own of the historical building. Have also been achieved high technological standards regarding energy facilities, in order to meet the demands of the largest and most recent real estate market: heat pumps with collecting lake water for heating and cooling; treatment plant, air dehumidification and compensation; Cooling by active ceilings; electrical installations made with home automation technology manageable via web, multimedia systems for satellite, telephone and internet, fiber optics, video surveillance, fire alarm and burglar alarm, etc. Great importance was given to the various construction details to contain noise emissions both within individual apartments that come from sources outside the building and the latest NP® surface protection system was used to protect the historic facade.





28 appartamenti di grande prestigio con ampie metrature e balconi originali che si affacciano sul lago.  
28 apartments of great prestige, with large sizes and original balconies overlooking the lake.



nella foto a sinistra

Architetto Giampiero Camponovo,  
studio architetti & associati con  
sede in Lugano

[Residential / 28 luxury apartments]

client  
private

architects  
Camponovo architetti & associati

date  
2009/2014

total site area  
2 650 m<sup>2</sup>

total built area  
11 000 m<sup>2</sup>

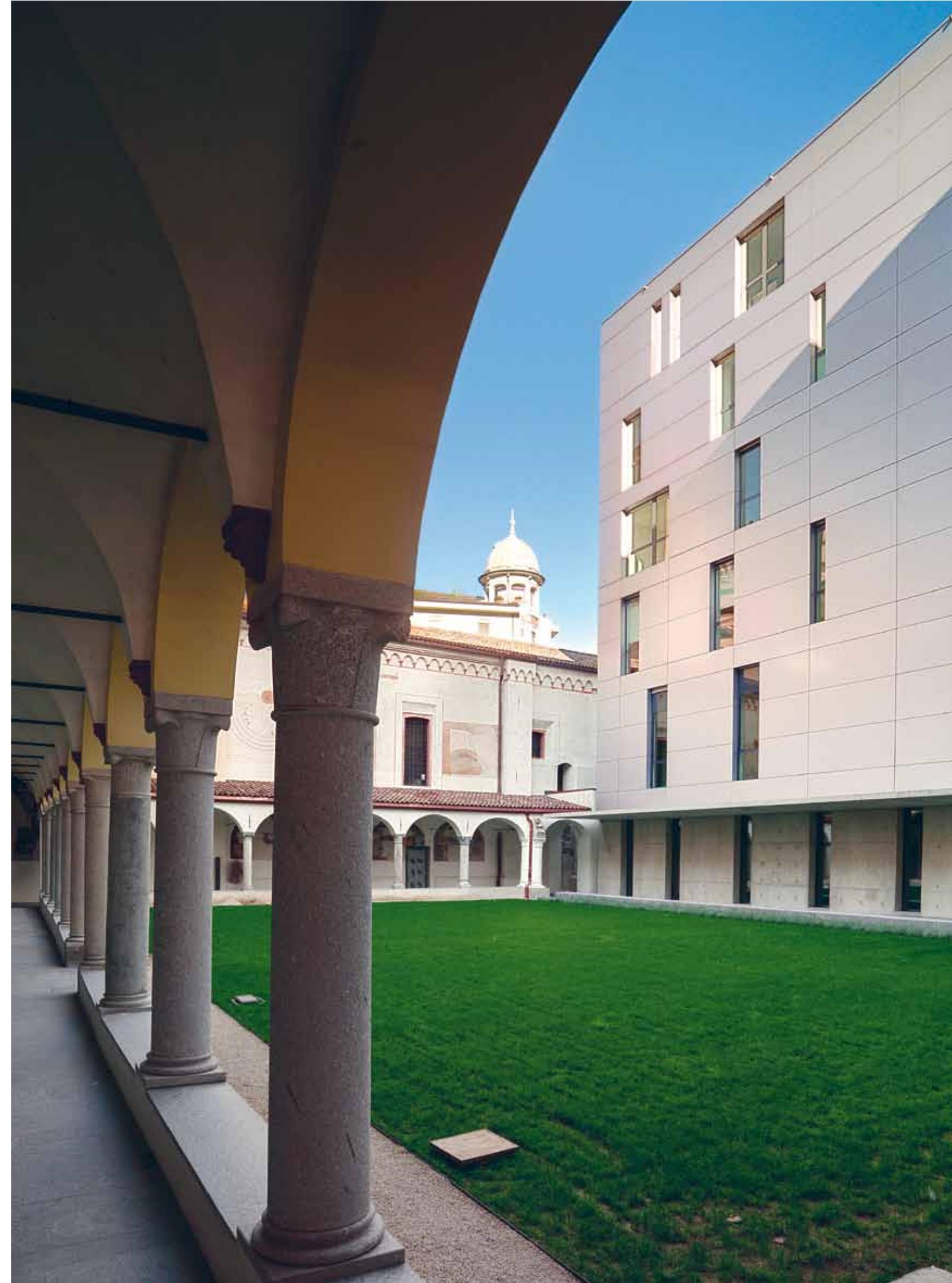
volume  
46 000 m<sup>3</sup>

floor

5

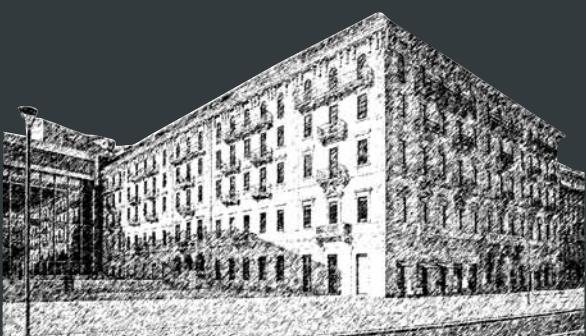
appartements  
28

image credits  
Adriano Pecchio



# Partners Residenza Grand Palace

## Lugano



**AZA Aghito Zambonini**  
façades cladding, external metal doors

**AF Impresa Gessatori SA**  
plasterboard walls

**Barcol-Air AG**  
cooling ceilings / heating

**B&L Laudato SA**  
substrates in gypsum fiber

**CB Incom SA**  
light fixtures

**CDR + Sicurezza**  
electronic cylinders

**Donada SA**  
preliminary plumbing works

**Fratelli Gut SA**  
carpenter works

**G&D Isolazioni**  
insulation system

**Mantegazza & Cattaneo SA**  
civil engineering

**nanopool® GmbH**  
facade surface protection system

**Officine Cameroni SA**  
garage doors

**Piona Eliproject SA**  
electrotechnical consultant

**Plafor SA**  
ceilings and walls

**Punto Fuoco Srl**  
supply tiles

**Sandro Sormani SA**  
internal painter works

**Scavi Robbiani SA**  
demolition, excavation works

**Service Team**  
conducted, discharge jet

**Sitilux Illuminazione**  
outdoor lamps, bathroom and lobby lamps

**Spalu SA**  
waterproofing wells

**VRT Visani Rusconi Talleri SA**  
consulting thermo sanitary systems

## New Perspectives for designer and architects



NP® surface protection system, allows design using new materials

*NP® Oberflächenschutzsystem - ermöglicht Design mit neuen Materialien*

Nanopool GmbH's core competence is the manufacturing of ultra-thin layers, which are invisible with the bare eye. The ecological protective system suits for protection of already constructed (finalised) buildings, respectively already installed surfaces, as well as for application on new materials which can be coated and thus protected already before installation.

Die Kernkompetenz der Nanopool GmbH liegt in der Herstellung von ultradünnen, mit bloßem Auge unsichtbaren Schichten. Das ökologische Oberflächenschutzsystem eignet sich sowohl zur Behandlung bereits bestehender Gebäude bzw. bereits installierter Oberflächen, als auch für neue Materialien, die bereits vor der Installation behandelt und somit geschützt werden können.

Due to the NP® surface protection system, designers, architects and construction engineers are now much more flexible in choosing surfaces (design materials), since NP® offers the possibility of giving those materials new additional functionalities. This applies to outdoor applications (e.g. protection against corrosion, fingerprints, graffiti and adhesion of dirt, algae or moss) as well as to indoor applications for providing fingerprints, adhesion of dirt and bacteria spread.

Aufgrund des NP® Oberflächenschutzsystems sind Designer, Architekten und Bauingenieure in der Auswahl der Oberflächen (Gestaltungsmaterialien) viel flexibler, da NP® die Möglichkeit bietet Materialien zusätzliche Funktionalitäten zu verleihen. Dies gilt für den Außenbereich (Schutz vor Korrosion, Graffiti, Schmutz-, Algen- oder Moosanhäufungen) sowie für den Innenbereich von Objekten (verhindert Fingerprints, das Anhaften von Schmutz und die Ausbreitung von Bakterien).

The internationally awarded NP® surface protection system is resource-saving, improves the conservation of value of objects and buildings significantly reduces the maintenance costs.

Das mit internationalen Awards ausgezeichnete NP® Oberflächenschutzsystem ist ressourcenschonend, erhöht die Werterhaltung von Objekten und Bauwerken und reduziert signifikant die Reinigungskosten.

For further information please see:  
[www.nanopool.eu](http://www.nanopool.eu)  
[www.nanopool.eu/architecture](http://www.nanopool.eu/architecture)

### Protection of finalised buildings



- Facade: Invisible graffiti resistance
- Easy cleaning of the finished surfaces of dirt
- Salt protection
- Weather protection



- Easier cleaning of the finished surfaces (glass roof)
- Corrosion protection of the steel structure

### Protection of Interiors and furniture



- Finishing of the total kitchen area
- protection against dirt adhesion and proliferation of bacteria



- Treated Hotel Suite
- Finishing of the complete equipment of the room, including the wall, glass surfaces and mirrors, furniture, carpet and curtains
- reduced adhesion of dirt and easy removal
- value preservation
- less cleaning - optimization of hygiene



- Treated bath
- finishing of the contact surfaces and in the shower area also of the joints:
- reduce microbial growth
- prevents the formation of mold



- Treated textiles
- antimicrobial protection
- liquids and dirt does not penetrate into the fibers and can be removed without leaving any residue