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PRESS RELEASE

Mermet creates a colourful jungle for Amazon Court in Prague

Designed by the Danish firm Schmidt Hammer Lassen Architects and completed at the beginning of 2009, the Amazon Court business and services complex (Prague, Czech Republic) displays the very latest styles in architecture.

The building's interior houses a space conceived as a winter garden, opening up to the outside, a stunning and inviting setting. All the glass walls surrounding it are covered by rainbow-coloured screening panels, reflecting the "jungle" theme of the building.

As part of this international project, the French company Mermet was selected as a specialist in materials for solar protection, signage and acoustics. The incomparable quality of its technical fabrics made of coated glass yarns makes it the obvious choice for architectural projects of this scale.

A substantial project

The third building of the River City Prague development project, located in the Karlín business district in the north-west of the historical centre of Prague, Amazon Court, with 19,800m² of offices spread over 6 floors, was the recipient of a special award* at MIPIM 2008.

With a simple exterior appearance, its strengths are to be found in:

- its functional and modular office space: whatever their configuration, the appropriate blinds provide incomparable natural light,
- its magnificent central atrium,
 - a buffer area: it contributes to the thermal and phonic comfort of the building and is a reflection of the sustainable development rationale,
 - a green living space: it is composed of fountains, terraces and a variety of service and shops on the ground floor (restaurants, cafés, post office, tobacconist and flower shops...).

With over 2,000m² of floor space and 32m high, this totally original area is characterized by the priority given to the circulation of light and an imposing geometry, all in complete synergy with the structure.

For its construction, the architects used the most innovative of materials.

Accordingly, the E-Screen 7510 fabric by Mermet was selected to fit out the 1,031 printed decorative panels, a total of over 12,000m² of fabric, covering the vertical glass façades.

Aesthetic demands

The colour 0202 White was chosen for reworking by digital printing in 7 different colours: a graduated colour scale running from sky blue to pink and passing through turquoise, green, yellow, orange or even violet, all covered with motifs from the Amazon jungle.

The decorative panels positioned all around the atrium's perimeter have been organized into modules of 4 panels shaped into rectangles and trapeziums giving the façade a harmonious vitality.

These decorative panels are ideal for the 3m floor height. Perfectly integrated into the architecture of the building, Mermet® fabrics give the construction an unforgettable aesthetic experience, both by day and by night.

Technical quality

Mermet was required to meet two main objectives:

- to satisfy user requirements in terms of solar protection,
- to ensure thermal comfort, particularly in summer, while minimizing energy consumption.

In this regard, the E-Screen 7510 fabric meets all the requirements:

- its open basket weave gives excellent transparency and lets natural light pass through, even once printed,
- its efficient solar protection against glare and heat blocks up to 90% of UV,
- its immaculate finish is ideal for use in decorative panels thanks to:
 - exceptional dimensional smoothness and stability,
 - excellent mechanical resistance,
 - very good tear resistance,
- excellent printing media, all Mermet® fabrics give a perfect image and excellent portrayal, no matter which printing process is used (paint, screen printing, adhesive, digital printing...). Pictures and colours are faultlessly transferred to the textile, providing a perfect representation of the smallest of details without any dazzle effect,
- its properties in terms of health & safety for buildings open to the general public. Mermet® fabrics are bearers of the Oeko-Tex Standard 100, Greenguard® and Enduris™ Glass Core quality labels.

In addition to the comfort and aesthetic values which they bring to this bright living space, Mermet® fabrics play an important role in the building's architectural identification.

Press contacts: Dépêches

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*1st prize MIPIM 2008 Business Centres category
(International real estate professionals' summit)



PRODUCT DATA SHEET

**Amazon Court Project, Prague
River City Building (Czech Republic)****Type of project:** Commercial (mixed-use and administrative office building)**Description of textile structures**

Quantity of fabric: 1,031 panels
Panel dimensions: up to 3 m high and 60 cm wide
Application: decorative screens
Total area: 12,185 m²

Fabric reference: E-Screen 7510, colour 0202 White

Fire classification: M1 (France), Euroclass B,s3,d0 (EU)
Quality labels: Oeko-Tex Standard 100, GREENGUARD®, Enduris™ Glass Core
Weight per m²: 350 g
Thickness: 0.55 mm

Breaking strength:
Warp > 190 daN/5cm
Weft > 100 daN/5cm
Tear resistance:
Warp ≥ 5 daN
Weft ≥ 4 daN
Resistance to fold:
Warp and weft > 20 daN/5cm

The 4 indexes of comfort of the Modulight® Rapid Selection (scale from 1 to 40):
NL - Level of incoming light = 28 / Optimised light
EC - Glare control = 8 / Poor glare control
HP - Heat protection = 21 / Good heat protection
CV - Outward visibility quality = 27 / Very good outward visibility

Widths: 200 – 250 – 310 cm

Construction: Welding (thermal, high frequency, ultrasound) or stitching
Marking: Digital printing

Participants

Architect / Designer: **Schmidt Hammer Lassen Architects**
VESTER FARIMAGSGADE 3,
1606 COPENHAGEN V, DENMARK

Client: **SIPRAAL a.s.**
TŘEBOHOSTICKÁ 3165,
100 00 PRAGUE 10

Manufacturer: **BOHEMIAFLEX CS, Ltd**
U CUKROVARU 1645/2A,
747 05 OPAVA

