

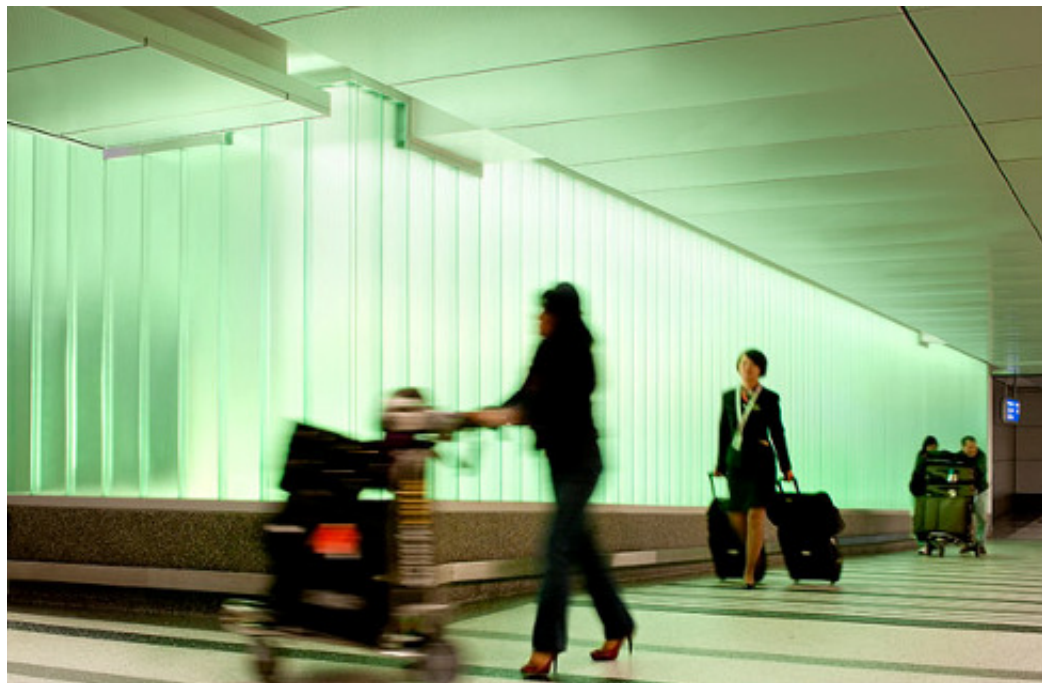
Topics in this newsletter are:

- **Safety and design, energy efficiency and sustainability**
 - **“Shining example”**
 - Pilkington **Profilit™ setups**
 - **“Productive” energy efficiency**
 - **Efficient environmental protection**
- Pilkington **Profilit™ spring greetings**
- **RaumGlas FORUM 2012, Essen, 21./22.06.2012**
- **Ift-Conference, Frankfurt, 26.06.2012**
Theme: “Transparent Building Envelopes”
- Pilkington **Profilit™ - quality from the outset**

- **“Shining example”**

Safety and design

Los Angeles Airport, Tom Bradley Terminal, Los Angeles (USA)



Pilkington **Profilit™** K25/60/7 T-H with LED lighting
Interior glazing
Installer: TGP Technical Glass Products, Snoqualmie (USA)
Architect: Leo A. Daly, Los Angeles (USA)

- Pilkington Profilit™ setups**
Thermal insulation (U_G values)

Natural daylight, energy efficiency, sustainability

Principal setups: U_G values

Single shell



$U_G = 5.7 \text{ W/m}^2\text{K}$

Double shell



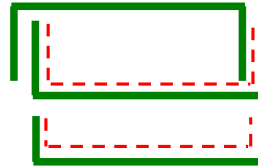
$U_G = 2.8 \text{ W/m}^2\text{K}$

Double shell with low-e



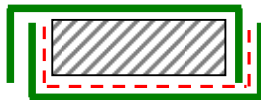
$U_G = 1.8 \text{ W/m}^2\text{K}$

Triple shell with low-e



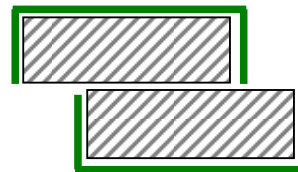
$U_G = 1.2 \text{ W/m}^2\text{K}$

Double shell (with low-e) and TIM



$U_G = 1.1 - 1.4 \text{ W/m}^2\text{K}$

Double shell with 2 x TIM



$U_G = 0.85 \text{ W/m}^2\text{K} (0.9 \text{ W/m}^2\text{K})$

- **“Productive” energy efficiency**
Solar control and thermal insulation

BERU, Bretten (D)



Pilkington **Profilit™** K25/60/7 (exterior)

Pilkington **Profilit™** K25/60/7 Plus 1.7 (interior, low-e)
with translucent insulation material (TIM) from Wacotech
 $U_G = 1.2 \text{ W/m}^2\text{K}$

Installer: Glaszentrum Schweikert GmbH, Heilbronn (D)

Architect: Marcus Rommel Architekten BDA, Darmstadt (D)

- **Efficient environmental protection**
Noise control and environmental protection – silence and warmth

Biomass power plant, near Munich (D)



Noise control:

Triple shell glazing (noise control):

Pilkington **Profilit™** K25/60/7 (exterior)

Pilkington **Profilit™** K25/60/7

Pilkington **Profilit™** K25

Sound insulation: R_W = up to 57 dB

Thermal insulation U_G = approx. 1.7 W/m²K

Fitter: Glasbau Wiedemann GmbH, Augsburg (D)

Architect: Bocon GmbH & Co. KG, Dachau (D)

Alternative option: can be combined with low-e coating

Triple shell glazing (noise control + thermal insulation):

Pilkington **Profilit™** K25/60/7

Pilkington **Profilit™** K25/60/7 Plus 1.7 (low-e)

Pilkington **Profilit™** K25 Plus 1.7 (low-e)

Thermal insulation: up to U_G = 1.2 W/m²K

Sound insulation: R_W = up to 57 dB

Thermal insulation and solar control characteristics can be further enhanced e.g. via the use of translucent thermal insulating materials (TIM) or multi-layer structures.

- Pilkington **Profilit™ spring greetings**
Wide variety of products: "Created to design"

The quickest way to Pilkington **Profilit™**: www.profilit.com leads you directly to the relevant information on the NSG website.



Choose from the extensive product and delivery programme at www.pilkington.com (or at www.profilit.com), here you will find information and explanations relevant to our products and their practical application. Or contact us. We would be pleased to advise you.

- **RaumGlas FORUM 2012, Essen, 21./22.06.2012**

Bauglasindustrie GmbH is taking part in this event in Essen. The venue is the world cultural heritage site "Zeche Zollverein" in Essen.

The focal theme of the event is interior design with glass.

Further information and the online form for registering can be found at www.raumglasforum.de. Please use the online registration form for registering online. Please note too that the number of participants is limited.

- **Ift-Conference, Frankfurt, 26.06.2012**

Theme: "Transparent Building Envelopes"

Presentation by Bauglasindustrie GmbH:
"Profiled glass – more than just industrial glazing"

Further information as well as programme details and the registration form can be found on the Internet www.ift-rosenheim.de/ift_fachtagungen.php?id=360.

- Pilkington **Profilit™** - **quality from the outset**

Did you know that?

The production of Pilkington **Profilit™** is conducted in accordance with DIN EN 572, part 7 and in compliance with the rules governing quality assurance management to ISO 9001:2008 and environmental protection management to ISO 14001:2004.

We have for many years been according to:
ISO 9001:2008
ISO 14001:2004

Please keep in mind! www.profilit.com

The quickest way to Pilkington **Profilit™**. Use this platform. Here you can find up-to-date information on our products at all times.

Here you can also access [Pilkington **Profilit™**-News](#).

Yours sincerely

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P.S.: Would you like to have your projects featuring the use of Pilkington **Profilit™** presented in one of the next editions of Pilkington **Profilit™**-News? Please contact us to coordinate data requirements.

Data protection information: At our company, data protection is taken very seriously. Data is used only for that purpose for which it was collected. It is not forwarded to third parties. If you are not in agreement with your data being stored or the data itself is incorrect, please contact the address below. Further information on data protection can be found at www.pilkington.com.