

# EVALAM elevates its offer to still greater heights

**F**or applications with either ambitious security indices or that have extra safety requirements, especially in public spaces, Evalam has developed AB-AR. A structural interlayer, it provides post-breakage passive security whenever tempered glass is used - performing at high mechanical resistance, especially in stability states

following a rupture which exceeds 50°C. This makes AB-AR an optimum solution that's excellent for geographical areas where these temperatures are commonly reached all year round.

## **EVALAM AB-AR**

Here the temperature factor should be highlighted among AB-AR's most re-

As trends within the glass market move always closer to specialization and the search for solutions demanded by both architects and specifiers, sector professionals like EVALAM are becoming more savvy at anticipating the best customized solutions — all with optimum materials to match.



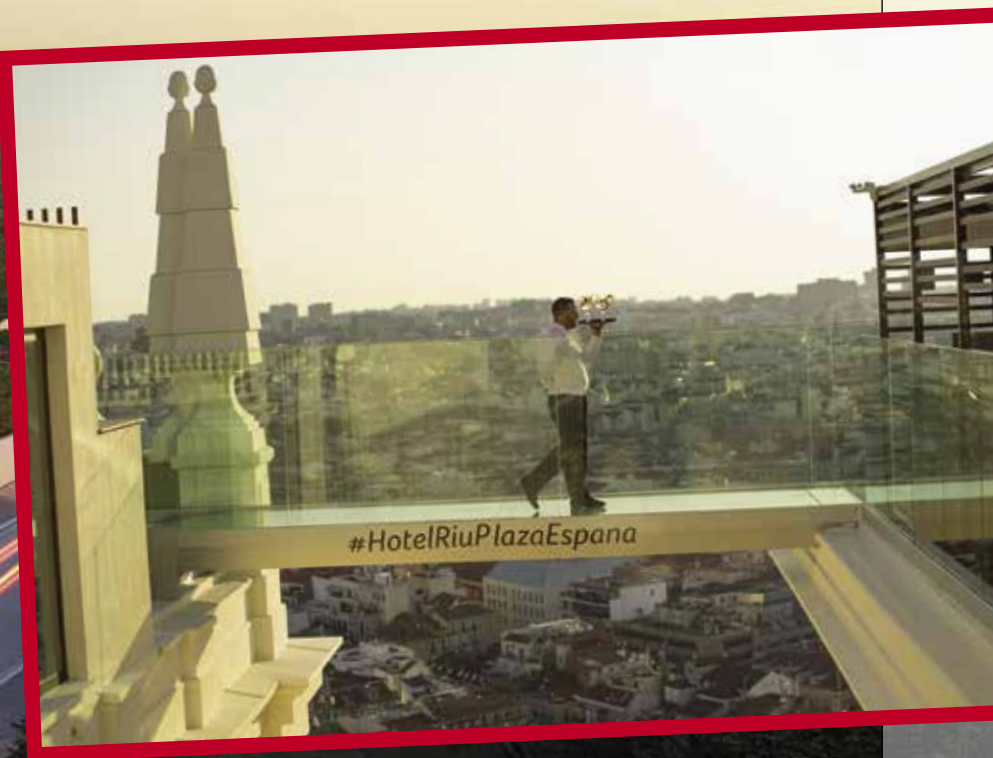


markable and differentiating characteristics when compared with the structural interlayers commonly implanted over recent years. These typically have a Tg of only 36°C and will completely lose their declared virtues and characteristics with any elevation of this temperature. That presents noteworthy limitations and application risks within such geographical areas as those in which Evalam currently does business.

As a technical solution, AB-AR offers compositions 50 percent lighter than those made solely of glass, thus achieving the same resistance with added safety – being both qualities that make the interlayer ideal for all structure types,

whether in glass façades, structural windbreaks, walkable floors, stairs, ceilings, railings or in security situations that necessitate anti-vandalism features.

Located on Floor 27 of the renowned ‘Edificio España’, an historic Madrid building opened in 1953 and considered its first skyscraper, the sky bar ‘From Madrid to Heaven’ has since become the city’s coolest must-see. It can be viewed today via a walkway made entirely of transparent glass which offers a totally different perspective whilst providing customers with complete safety and an unforgettable experience that’ll temper any fear of heights. Indeed, laminated with AB-AR, the



dizzying walkway measures 7 metres in length by 1.8 metres in width, and is suspended at 117 metres above the ground.

### **Evalam Visual**

Glass railings laminated with EVALAM Visual and illuminated with LEDs have also been installed in the sky bar of Riu Plaza España hotel. These railings allow visitors to enjoy 360-degree views of the Madrid skyline, given that Evalam Visual come as a solution for open edge glass applications where both optics and durability are essential requirements. In addition, the product is classified as Stiffness family 2 for load cases caused



by wind, thereby complying with EN ISO 16612: 2019-03 standard.

### **Luxglass Technology**

As project developer, it was Luxglass Technology

that took the lead here in driving the outstanding transformation. Besides designing spaces of low-emission glass that are sustainable and customized with glass-integrated Led lighting, the company specializes in both project consultancy and development for sustainable glass and curtain walls.

### **AB-AR ON PANORAMIC RAILINGS**

Another example of the trusted use by specifiers and architects alike of AB-AR's excellent qualities before extreme conditions under 50°C was demonstrated in Limassol, which is on the southern coast of Cyprus. Here the city's Sky Tower, a 100-metre-high building with a gross floor area of approximately 30.000 square metres spread over 23 floors, comes in a residential complex totalling 83 exclusive apartments.

Its tower has been designed to ensure that each apartment enjoys stunning views of both the Mediterranean and the city's picturesque, hilly suburbs.

Limassol residents can thus enjoy incredible panoramic views as well as an exceptional atmosphere of comfort and relaxation, for which the apartments can boast superb materials that incorporate the latest global trends in both architecture and planning. All these include AB-AR as the conspicuous structural interlayer option for high resistance, panoramic railings.



**EVALAM**

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